EAGLE Environmental, Inc.

- Industrial Hygiene / IAQ
- Hazardous Building Materials
- Environmental Assessments
- Laboratory Services & Training

April 18, 2012

Ms. Kimberly N. Tisa
U.S. Environmental Protection Agency
5 Post Office Square, Suite 100
Mail Code: SORR07-2
Boston, MA 02109-3912

RE: Response to Comments for the Self-Implementing On-Site Cleanup and Disposal Plan, PCB-Containing Caulk, Window Glazing, and Soil
913 Farmington Avenue
Southington, Connecticut
Eagle Project No. 11-015.15A

Dear Ms. Tisa:

Attached is the response to your correspondence dated April 2, 2012 following the review of the revised Self-Implementing On-Site Cleanup and Disposal Plan (SIP) for 913 Farmington Avenue located in Berlin, CT. The Notification and abatement specification have been revised in response to your comments. Should you have any further questions, please feel free to contact us. We are looking forward to your final approval of this Notification.

Sincerely,
Eagle Environmental, Inc.

Ashis Roychowdhury
Executive Vice President

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Response to EPA Comments – April 18, 2012
913 Farmington Ave, Berlin, CT

1. NOTIFICATION

   a. Page 5.

      i. Sampling of Porous Substrates: Although the asphalt is in the vicinity of the steel doorframe with the grey unauthorized caulk on west side (Side B) of the building, the caulk is not proximal to the asphalt. The doorframe is caulked on the top and sides and is in contact with brick/mortar only. The bottom of the doorframe is grouted against a concrete threshold. Eagle determined that there was not a viable pathway to allow leaching from the caulk into the asphalt.

      ii. Course 1 Sampling: No samples of the wooden door or window frames were collected. As PCB is known to leach readily into wooden components, it was assumed that the wooden door and window frames were contaminated. The removal and disposal of the wooden window frames was addressed in Section 3, Item 3, Bullet 1 on page 9 of the Notification. The removal and disposal of the wooden doorframe was addressed in Section 3, Item 4, Bullet 1 on page 9 of the Notification.

   b. Page 7.

      i. Section 2.2.1:The white window glazing and the white caulk on the exterior metal window frames, wooden doorframe, and louvers with PCB concentrations less than fifty (50) ppm were visually determined to be the original application and so meet the definition for Excluded PCB Products as:

         - The caulk and glazing contains PCB materials as a result of historic use of PCBs in the manufacture of caulk prior to US regulation of PCBs;
         - The caulk and glazing were legally manufactured and used prior to October 1, 1984, as the structure on which they are applied was built in 1937; and,
         - The current PCB concentration of the door caulk is not the result of dilution or of leaks or spills in concentrations greater than or equal to fifty (50) ppm.

The application date of the white caulk on the interior metal doorframes is not known and so this caulk has been re-classified as PCB Bulk Product Waste less than fifty (50) ppm throughout the notification and specification.

ii. Section 2.2.2:The PCB Remediation Waste greater than or equal to fifty (50) ppm that is being removed and disposed of with the PCB Bulk Product Waste greater than or equal to fifty (50) ppm has been re-classified as "PCB Remediation Waste greater than or equal to fifty (50) ppm" throughout the notification and specification for the purposes of clarification.

PCB Remediation Waste greater than or equal to fifty (50) ppm will be transported and disposed of along with PCB Bulk Product Waste greater than or equal to fifty (50) ppm in a TSCA-approved disposal facility or a RCRA Hazardous Waste Landfill.

c. Page 8.

i. Section 2.2 Site Characterization: Concrete in proximity to PCB-containing caulk is limited to the concrete pad at the front entrance to the building (Side A) where it is in contact with the grey caulk on the wooden window frames. The concrete was sampled at a distance of approximately four and one-half (4-1/2) inches from the caulk line (Course 2) and found to be ND for PCB. The results were presented in Appendix B, Table II. The results of the concrete sampling were also presented in Section 2.1, Page 6, Paragraph 4, Bullet 5.

No asphalt was noted proximal to PCB-containing caulking at the site. Please see item 1.a.i. of this response.

ii. Section 2.2.4: The inequality symbols included in TABLE 2.2.4 on page 8 of the Notification have been corrected to $<$ and $\geq$ to accurately reflect the PCB concentrations of the designated waste classifications.

d. Page 10.

i. Paragraph 1: The requirement for PCB Waste $\geq$ to fifty (50) ppm has been corrected to read "at a TSCA-approved disposal facility or a RCRA Hazardous Waste Landfill".

ii. Section 3.1, Bullet 2: The term "isolation barrier" as referred to in the context of this Notification is actually the containment barrier that isolates the work area for actual remediation of caulks and glazing. In addition, the opposite side of the window will be

covered as "critical barriers" isolating building systems or other areas of the building.

e. Page 11.

i. Bullet 2: The following verbiage was added to Section 3.1, Bullet 7 on Page 11 of the Notification and as Section 3.4.C. to the Specification. "Exposed surfaces within the Abatement Zone Work Area will be decontaminated by HEPA vacuuming and wet cleaning methods".

ii. Bullet 3: The requirement to mark waste containers in accordance with § 761.40 in addition to § 761.45 has been added to Section 3.1, Bullet 8, on page 11 of the Notification.

iii. Section 3.2.1: The last sentence of Section 3.2.1 was edited to include the requirement for the marking of storage containers as well as storage areas in accordance with § 761.40 and §761.45.

f. Page 12. Section 3.2.2

The last sentence of paragraph 4 of Section 3.2.2 was edited to include the requirement for the marking of storage containers as well as storage areas in accordance with § 761.740 and §761.745.

g. Table II.

The results for sample numbers 4-25-PCB-1 EBS (1.1 ppm) and 4-25-PCB-4 EB2 (ND) were reversed. Table II has been corrected.

2. APPENDIX D: TECHNICAL SPECIFICATIONS:

Page 2. The wastes were re-classified to reflect the definitions found in § 761.3.

3. RESPONSE TO EPA COMMENTS:

a. #5

The white window glazing and the white caulk on the exterior metal window frames, wooden doorframe, and louvers with PCB concentrations less than fifty (50) ppm were visually determined to be the original application and so meet the definition for Excluded PCB Products. The white caulk on the interior metal doorframes will be re-classified as PCB Bulk Product Waste less than fifty (50) ppm. Please see response 1.b.i. of this document.

b. #8
Please see response 1.c.i. of this document.

c. #10
The reference has been corrected. Please see response 1.d.i. of this document.

d. #16.b.
Figure PCB 1.1 has been revised to be consistent with Figures PCB-SO-1 and PCB-SU-1.

SELF-IMPLEMENTING ON-SITE CLEANUP AND DISPOSAL PLAN FOR PCB-CONTAINING DOOR AND WINDOW FRAME CAULK, WINDOW GLAZING COMPOUND, AND SOIL

913 Farmington Avenue
Kensington, Connecticut

Town of Berlin
240 Kensington Road
Berlin, CT

October 31, 2011
Revised: March 6, 2012
Re-Revised: April 18, 2012

EAGLE ENVIRONMENTAL, INC.
531 North Main Street
Bristol, CT 06010

EAGLE Environmental, Inc.

- Industrial Hygiene / IAQ
- Hazardous Building Materials
- Environmental Assessments
- Laboratory Services & Training

October 31, 2011
Revised: March 6, 2012
Re-Revised: April 18, 2012

Ms. Kimberly N. Tisa
U.S. Environmental Protection Agency
5 Post Office Square, Suite 100
Mail Code: SORR07-2
Boston, MA 02109-3912

RE: Self Implementing On Site Cleanup and Disposal Plan for PCB-Containing Door and Window Caulk, Window Glazing Compound and Soil 913 Farmington Avenue Kensington, Connecticut Eagle Project #11-015.15A

Dear Ms. Tisa:

Eagle Environmental, Inc. (Eagle) is re-submitting this re-revised Self Implementing On-Site Cleanup and Disposal Plan for PCB-containing door and window caulk, window glazing compound, and soil at the former Kensington Furniture Company Showroom located at 913 Farmington Avenue in Kensington, Connecticut in accordance with the notification requirement Section 761.61(a) (3) of USEPA Regulation 40 CFR Part 761 and in response to EPA's review and comments on the plan, April 2, 2012. This revised plan is intended to replace the original plan titled *Self Implementing On-Site Cleanup and Disposal Plan for PCB-Containing Door and Window Frame Caulk and Window Glazing Compound, 913 Farmington, Avenue, Berlin,* Connecticut dated October 31, 2011 and the revised plan dated March 6, 2012. The building is presently vacant and is slated for demolition. The building will not be re-occupied.

Should you have any questions with regard to the plan please contact the undersigned, Ashis Roychowdhury, at (860) 589-8257. We are looking forward to your review and approval of this Plan.

Sincerely,
Eagle Environmental, Inc.

John Terrill
Sr. Environmental Consultant

Ashis Roychowdhury
Executive Vice President

Cc: Gary Trombley, CT Department of Environmental Protection
James Mahoney, Town of Berlin

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SELF-IMPLEMENTING ON-SITE CLEAN UP AND DISPOSAL PLAN FOR PCB-CONTAINING DOOR AND WINDOW CAULK, WINDOW GLAZING COMPOUND AND SOIL FORMER KENSINGTON FURNITURE COMPANY SHOWROOM 913 FARMINGTON AVENUE, KENSINGTON, CONNECTICUT

This Self-Implementing On-Site Cleanup and Disposal Plan (SIP) have been organized into the following sections:

Section 1: Introduction & Background

This section includes the project introduction, building description, and project objectives.

Section 2: Site Characterization

The Site Characterization section provides a summary of the sampling performed to delineate the nature and extent of PCB presence as required and in accordance with 40 CFR Part 761.61 (a) (3) (A-C). The section also includes the nature of the contamination including types of materials; a summary of procedures used to sample the source material, adjacent substrates, and the location and extent of the identified contaminated areas.

Section 3: Remediation Plan

The remediation Plan includes a discussion of how the remedial objectives defined in Section 1.2 shall be met and the remediation approach and the clean up criteria to be met. The remediation plan is submitted in accordance with 40 CFR Part 761.61 (a) (3) (D).

Section 4: Schedule and Certification

Under this section, the proposed scheduling for implementing this phase of remediation work and reporting is provided. This section also includes the written certification signed by the owner of the property and the other responsible parties responsible for the remediation, clean up and disposal in accordance with 40 CFR Part 761.61 (a) (3) (E).

SECTION 1: INTRODUCTION & BACKGROUND

The Town of Berlin (Town) has retained Eagle Environmental Inc. (Eagle) to prepare a plan to comply with the United States Department of Environmental Protection (USEPA) requirements for notification of a Self-Implementing On-Site Cleanup and Disposal Plan (SIP) in accordance with USEPA Regulation 40 CFR 761.61 (a) (3) for the removal of PCB-containing door and window frame caulk, air conditioning (A/C) unit caulk, and adjacent contaminated porous substrates and soil. Excluded window frame, doorframe, louver caulk, and window glazing compound, and adjacent contaminated porous substrates will also be removed under this plan to accommodate State regulatory requirements. The site includes the former Kensington Furniture Company Showroom located at 913 Farmington Avenue in Kensington, Connecticut (subject site).

During the course of the site characterization, caulks with concentrations of polychlorinated biphenyl (PCB) in greater than or equal to fifty (50) parts-per-million (ppm) were identified at the exterior wood window frames and at exterior steel doorframes. A limited quantity of caulk was noted on two (2) portable A/C units but was not sampled due to budgetary considerations. The A/C caulks will be assumed to contain PCB greater than fifty (50) ppm.

PCB greater than one to (1) ppm but less than fifty (50) ppm was identified in the caulk and glazing compound on exterior metal windows, one wooden door frame, and ventilation louvers. PCB greater than one (1) ppm but less than fifty (50) ppm was identified in the first course of brick/mortar in contact with the caulk around exterior windows, doors, and louvers. PCB greater than one (1) ppm but less than fifty (50) ppm was identified in one (1) localized area of exterior soil.

The owner intends to remove the existing caulk and glazing compounds and contaminated porous substrate materials and soil prior to the demolition of the building. This work will include the removal of the regulated unauthorized PCB door, window, and A/C caulk, the excluded window, louver, door caulk, and window glazing, and all contaminated porous substrate materials including soil.

As the building is currently vacant, the contracting and implementation of this PCB removal and disposal project will proceed upon approval of the Plan. A Site Location Plan (SP-1) is attached as Diagram 1-1.

1.1 Building Description

The subject building located at 913 Farmington Avenue in Kensington, Connecticut is a two story steel and masonry structure with a flat roofing system. The original structure was constructed in 1936 and a newer addition was constructed at an unknown time. The footprint of the building is approximately twenty-thousand and sixty (20,060) square feet. The mechanical equipment consists of an oil/gas fired forced air system. Walls and partitions are sheetrock and ceilings are sheetrock or suspended ceiling grids. Doorframes are wood or metal and window frames are wood or metal. The floors are finished with various resilient floorings and carpeting. The exterior facades are clad with brick and mortar. Please refer to the attached Diagram 1-2 (BP-1) for a footprint plan of the building. The building is presently vacant, is slated for demolition, and will not be re-occupied.

1.2 Project Objective

The objective of this work is to remove PCB-containing exterior metal door frame caulk, exterior wooden window frame caulk, A/C caulk, and materials contaminated by residual caulks

containing greater than or equal to fifty (50) ppm PCB as PCB Bulk Product Waste greater than or equal to fifty (50) ppm prior to the demolition of the building.

Exterior metal window glazing compound, exterior metal window and louver caulk, interior steel door caulk, and exterior wooden door caulk will be removed and disposed of as PCB Bulk Product Waste less than fifty (50) ppm. All contaminated adjacent porous substrates and soil that have PCB concentrations greater than one (1) ppm but less than fifty (50) ppm will be removed as PCB Remediation Waste less than fifty (50) ppm prior to demolition of the building.

Refer to Appendix C for the performance specifications to be implemented by the abatement contractor.

SECTION 2: SITE CHARACTERIZATION

This section provides a summary of the sampling performed to delineate the nature and extent of PCB presence as required and in accordance with 40 CFR Part 761.61 (a) (3) (A-C). The section also includes the nature of the contamination including types of materials; a summary of the standard procedures used to sample the source materials and adjacent porous substrates (brick/mortar, CMU/mortar, soil), and the location and extent of contaminated materials.

A phased sampling strategy was executed to assess source materials and adjacent porous substrates. The initial site characterization of source materials, including caulk and glazing compounds, was performed by Eagle Environmental, Inc. of Bristol, Connecticut (Eagle) on December 7, 2010. Eagle conducted sampling of adjacent porous exterior substrates, including brick/mortar, on April 25, 2011. Additional sampling of source and substrate materials was conducted by Eagle on February 14, 2012.

Diagrams depicting the sampling locations of source materials and adjacent porous substrates and soil are attached as Diagram 2-1 (PCB-SO-1) and 2-2 (PCB-SU-1).

2.1 Sample Collection and Analytical Results

Sampling of Source Materials

Sampling of source materials including caulks and glazing compounds was conducted by Eagle representatives James Webb, on December 7, 2010, and by John Terrill and Ben Silverman on February 14, 2012 in accordance with 40 CFR 761 Subpart N.

Prior to sample collection, the sampler donned disposable nitrile gloves and other PPE as required. Sample collection involved removal of bulk source materials using clean knife or scraper. The knife or scraper utilized to collect samples was washed with soap and water and then decontaminated using hexane between successive sampling to avoid cross contamination of samples.

Bulk samples of source materials were collected, placed in clean, labeled four (4) ounce glass jars, sealed with a Teflon lined cap, and delivered to the laboratory under proper chain of custody.

The samples were stored and transported in a cooler with ice packs until acceptance by the laboratory. All samples collected were transmitted to Phoenix Environmental Laboratories, Inc. of Manchester, CT under proper Chain of Custodies. Samples were extracted using USEPA Method 3540C (Soxhlet Extraction) and analyzed for PCB using USEPA Method SW846 8082.

The concentrations of PCB in the source samples are summarized below:

- White Window Glazing in Exterior Steel Window Sashes: 1.4 ppm to 24 ppm;
- White Caulk on Exterior Metal Window Frames, Wooden Door Frame, and Louvers: 1.5 to 21 ppm;
- Grey Caulk on Exterior Wooden Window Frames: ND to 540 ppm;
- Tan Caulk on Exterior Wooden Window Frames: ND;
- White Caulk on Interior Metal Doorframes: 0.8 to 1.5 ppm;
- Grey Caulk on Exterior Metal Doorframes: 3,400 ppm; and,
- Grey/Brown Caulk in Portable A/C Units: Assumed >50 ppm.

The sample numbers, locations, material description, and analytical results are summarized in Table I. Table I, sample results, and chain of custody forms are attached as Appendix A. Sample locations are indicated in Appendix A and Diagram 2-1 (PCB-SO-1) attached.

Sampling of Porous Substrates

Sampling of porous substrates adjacent to caulks containing PCB included brick/mortar, CMU/mortar, and concrete. There were no asphalt hardscapes in proximity to source materials containing PCB.

Eagle representative, James Webb, conducted the initial substrate sampling on April 25, 2011 following the procedures outlined in US EPA "Draft Standard Operating Procedures for Sampling Concrete in Field" (dated December 30, 1997). Eagle representatives, John Terrill and Ben Silverman, conducted additional substrate sampling on February 14, 2012 following the procedures outlined in US EPA "Standard Operating Procedure for Sampling Porous Surfaces for Polychlorinated Biphenyls (PCBs) Revision 4, May 5, 2011" and 40 CFR 761 Subpart N.

Course 1 Sampling

Prior to sample collection, the sampler donned disposable nitrile gloves and other PPE as required. A set of substrate samples were collected at a location approximately zero (0) to one-half (1/2) inches from pre-existing caulk lines to a depth of approximately one-half (1/2) inch using a mechanical hammer drill. These samples were called "Course 1" samples. Course 1 sampling involved the complete removal of bulk product materials (source materials) at sampling locations using hand tools. The intent was to ensure complete removal of source material prior to sampling adjacent surfaces. Once removal of the source material was performed, the porous surfaces were cleaned using a hard bristle brush and the surface was rinsed with water and allowed to dry. Holes were drilled into the substrate to obtain enough material for analysis. The drill bit was washed with soap and water and then decontaminated using hexane between successive samplings.

The concentrations of PCB in the Course 1 substrate samples are summarized below:

- Brick adjacent to White Caulk on Exterior Metal Window Frames, Wooden Door Frame, and Louvers: ND;
- Mortar adjacent to White Caulk on Exterior Metal Window Frames, Wooden Door Frame, and Louvers: 1.8 ppm;
- Brick adjacent to Grey Caulk on Exterior Wooden Window Frames: ND;
- Mortar adjacent to Grey Caulk on Exterior Wooden Window Frames: ND;
- Concrete adjacent to Grey Caulk on Exterior Wooden Window Frames: Not characterized. See Course 2 summary below;
- CMU adjacent to Caulk on Interior Metal Doorframes: Not characterized. See Course 2 summary below;
- Mortar adjacent to Caulk on Interior Metal Doorframes: Not characterized. See Course 2 summary below;
- Brick adjacent to Grey Caulk on Exterior Metal Doorframes: 1.1 ppm;
- Mortar adjacent to Grey Caulk on Exterior Metal Doorframes: 15 ppm;
- Sashes adjacent to Window Glazing in Exterior Steel Windows: Assumed greater than one (1) and less than fifty (50) ppm; and,
- Plywood Panel adjacent to Grey/Brown Caulk in Portable A/C Units: Assumed greater than fifty (50) ppm.

Course 2 Sampling

A second set of substrate samples were collected at a location approximately four and one-half (4-1/2) inches from the pre-existing source or just beyond the first vertical mortar line for brick/mortar, and approximately six and one-half (6-1/2) inches from the pre-existing source or just beyond the first vertical mortar line for CMU/mortar. These samples were called Course 2 samples. The samples were collected to a depth of approximately one-half (1/2) inch using a mechanical hammer drill to obtain enough material for analysis. The drill bit was washed with soap and water and then decontaminated using hexane between successive sampling.

The substrate samples were stored and transported in a cooler with ice packs until acceptance by the laboratory. All samples collected were transmitted to Phoenix Environmental Laboratories, Inc. of Manchester, CT under proper Chain of Custodies. Samples were extracted using USEPA Method 3540C (Soxhlet Extraction) and analyzed for PCB using USEPA Method SW846 8082.

The concentrations of PCB in the Course 2 substrate samples are summarized below:

- Brick adjacent to White Caulk on Exterior Metal Window Frames, Wooden Door Frame, and Louvers: ND;
- Mortar adjacent to White Caulk on Exterior Metal Window Frames, Wooden Door Frame, and Louvers: ND;
- Brick adjacent to Grey Caulk on Exterior Wooden Window Frames: ND;
- Mortar adjacent to Grey Caulk on Exterior Wooden Window Frames: ND;
- Concrete adjacent to Grey Caulk on Exterior Wooden Window Frames: ND;
- CMU adjacent to Caulk on Interior Metal Doorframes: ND;
- Mortar adjacent to Caulk on Interior Metal Doorframes: ND;
- Brick adjacent to Grey Caulk on Exterior Metal Doorframes: ND; and,
- Mortar adjacent to Grey Caulk on Exterior Metal Doorframes: ND.

The sample numbers, locations, material description and analysis results are summarized in Table II. Table II, sample results, and chain of custody forms are attached as Appendix B. Sample locations are indicated in Diagram 2-2 (PCB-SU-1).

Sampling of Exterior Soil

Sampling to characterize the soil at the site was conducted following the procedures outlined in 40 CFR 761 Subpart N. The only exposed soil in proximity to source or substrate materials containing PCB was a garden of approximately nine (9) square meters adjacent to an exterior wall.

A grid plot consisting of approximately 1.5 meter grid intervals was laid out over the garden area. A sample of the soil will be collected at each grid point to a depth of approximately four (4) inches below the surface. A maximum of nine (9) adjacent (sub)samples was composited and submitted to the laboratory as a single sample. The maximum area composited into a single sample consisted of nine (9) grid points, with a maximum of three (3) co-linear grid points bounding any side. The approximate area encompassed by each composite sample was nine (9) square meters.

A garden hand spade was used to loosen the soil. Tools were washed with soap and water then decontaminated using clean hexane between each set of composite samples to avoid cross contamination. Disposable plastic scoops will used to collect the samples.

Prior to sample collection, the sampler shall wear disposable nitrile gloves and other PPE as required. Each component subsample comprising the composite sample will be collected as described above. The subsamples were thoroughly mixed to result in a visibly homogenous composite sample. One scoop of the composite sample shall be placed in a labeled, clean, four (4) ounce glass jar and sealed with a Teflon-lined cap for submittal to the laboratory. The scoops and gloves were disposed of after each composite sample collection avoid cross contamination.

Samples were stored and transported in a cooler with ice packs until acceptance by the laboratory. All samples collected were transmitted to Phoenix Environmental Laboratories, Inc. of Manchester, CT under proper Chain of Custodies. Samples were extracted using USEPA Method 3540C (Soxhlet Extraction) and analyzed for PCB using USEPA Method SW846 8082.

The concentrations of PCB in Soil samples are summarized below:

- Exterior Soil Composite Sample in Area 1: 0.4 ppm
- Exterior Soil Composite Sample in Area 2: 0.4 ppm
- Exterior Soil Composite Sample in Area 3: 1.2 ppm

The sample numbers, locations, material description and analysis results are summarized in Table III. Table III, sample results, and chain of custody forms are attached as Appendix B. Sample locations are indicated in Diagram 2-3 (PCB-SO-1).

2.2 Site Characterization

The caulk and glazing sources, the porous substrates, and the soil are characterized in the following sections based on conclusions drawn from the analytical results.

2.2.1 Characterization of Source Materials

A summary of the characterization of source materials containing PCB greater than one (1) ppm is presented below:

- White Window Glazing on Exterior Steel Window Sashes: Mixed Regulated Asbestos - PCB Bulk Product Waste less than fifty (50) ppm;
- White Caulk on Exterior Metal Window Frames, Wooden Door Frame, and Louvers: Mixed Regulated Asbestos - PCB Bulk Product Waste less than fifty (50) ppm;
- White Caulk on Interior Metal Doorframes: PCB Bulk Product Waste less than fifty (50) ppm;
- Grey Caulk on Exterior Wooden Window Frames: PCB Bulk Product Waste greater than or equal to fifty (50) ppm;
- Grey Caulk on Exterior Metal Doorframes: PCB Bulk Product Waste greater than or equal to fifty (50) ppm; and,
- Grey/Brown Caulk in Portable A/C Units: PCB Bulk Product Waste greater than or equal to fifty (50) ppm.

2.2.2 Characterization of Porous Substrate Materials

Brick/mortar/concrete, door frame systems, A/C units, and plywood that are in contact with source materials containing PCB greater than or equal to fifty (50) ppm will be disposed of PCB Remediation Waste greater than or equal to fifty (50) ppm.

Brick/CMU/mortar, door frame systems, window frame systems, and louvers that are in contact with source materials containing PCB greater than one (1) but less than fifty (50) will be disposed of PCB Remediation Waste less than fifty (50) ppm.

A summary of the characterization of porous substrates in contact with sources containing PCB greater than one (1) ppm is presented below:

- Brick/Mortar adjacent to White Caulk on (and including) Exterior Metal Window Frames, Wooden Door Frame, and Louvers: Mixed Regulated Asbestos – PCB Remediation Waste less than fifty (50) ppm;
- CMU/Mortar Adjacent to Caulk on (and including) Interior Metal Doorframes: PCB Remediation Waste less than fifty (50) ppm;
- Sashes adjacent to Window Glazing in Exterior Steel Windows: Mixed Regulated Asbestos - PCB Remediation Waste less than fifty (50) ppm;
- Brick/Mortar adjacent to Grey Caulk on (and including) Exterior Metal Doorframes:
  PCB Remediation Waste (PCB Remediation Waste greater than or equal to fifty (50) ppm);
- Brick/Mortar/Concrete adjacent to Grey Caulk on (and including) Exterior Wooden Window Frames:
  PCB Remediation Waste (PCB Remediation Waste greater than or equal to fifty (50) ppm); and,
- Plywood Panels and A/C units adjacent to Grey/Brown Caulk on Portable A/C Units:
  PCB Remediation Waste (PCB Remediation Waste greater than or equal to fifty (50) ppm).

2.2.3 Characterization of Exterior Soil

A summary of the characterization of soil containing PCB greater than one (1) ppm is presented below:

- Exterior Soil in Area 3: PCB Remediation Waste less than fifty (50) ppm

2.2.4 Summary of Site Characterization

A summary of the site characterization including types of source materials, associated substrates, and quantities is presented in Table 2.2.4 below:

Source Material	Locations	PCB ppm	Quantity	Associated Substrate	PCB ppm (designation)	Quantity
Grey window frame caulk	Wood/Aluminum window frames	≥50	200 LF	Brick/Mortar/ Concrete	Course 1: ≥50 Course 2: ND	200 LF
Grey door frame caulk	Exterior metal doorframes	≥50	34 LF	Brick/Mortar	Course 1: ≥50 Course 2: ND	34 LF
Grey A/C caulk	Portable A/C unit	≥50	4 LF	Plywood Brick/Mortar	≥50 <50	6 SF 14 LF
Brown A/C caulk	Portable A/C unit	≥50	4 LF	Plywood Brick/Mortar	≥50 <50	6 SF 14 LF
White window glazing compound	Exterior metal window sashes	<50	280 LF	Metal/glass sashes	<50	8 ea.
White window frame caulk	Exterior metal window frames	<50	200 LF	Brick/Mortar	Course 1: <50 Course 2: ND	200 LF
White louver caulk	Exterior metal louvers	<50	16 LF	Brick/Mortar	Course 1: <50 Course 2: ND	16 LF
White door frame caulk	Exterior wooden door frame	<50	17 LF	Brick/Mortar	Course 1: <50 Course 2: ND	17 LF
White door frame caulk	Interior metal door frame	<50	52 LF	CMU/Mortar	Course 1: <50 Course 2: ND	52 LF
				Soil	Exterior area 3: <50	10 CF

SECTION 3 – REMEDIATION PLAN

The work described in this SIP shall meet the objectives identified in section 1.2 Project Objectives in accordance with 40 CFR Part 761. The remediation work shall be performed to ensure compliance with EPA Toxic Substance Control Act (TSCA) requirements and protect both public health and the environment. Materials classified as PCB Bulk Product Waste less than fifty (50) include Excluded PCB Products to simplify the characterization of Remediation Wastes with regard to handling, transportation, and disposal requirements. Materials classified as PCB Bulk Product Waste and PCB Remediation Waste shall be properly removed and disposed of in compliance with federal and state regulatory requirements.

The proposed remediation activities to be performed by the remediation contractor shall include the following:

1. Site preparation and controls to facilitate remediation of PCB.

2. Health and Safety in accordance with Occupation Safety and Health Administration (OSHA) requirements.

3. Removal and off-site disposal of the following materials as PCB Bulk Product Wastes greater than or equal to fifty (50) and PCB Remediation Wastes greater than or equal to fifty (50) ppm from all locations identified on the Remediation Plans:

   - Grey caulk associated with (and including) exterior wooden window frames;
   - Grey caulk associated with (and including) exterior metal doorframes;
   - Brick/mortar adjacent to grey caulk on exterior metal doorframes;
   - Brick/mortar/concrete adjacent to grey caulk on exterior wooden window frames;
   - Brown and grey caulks associated with portable A/C units;
   - Plywood panels associated with portable A/C units; and,
   - Portable A/C units.

4. Removal and off-site disposal of the following materials as Mixed Regulated Asbestos - PCB Bulk Product Waste less than fifty (50) ppm or Mixed Regulated Asbestos - PCB Remediation Waste less than fifty (50) ppm from all locations identified on the Remediation Plans:

   - White caulk on (and including) exterior metal window frames, exterior wooden door frame, and exterior ventilation louvers;
   - White glazing on (and including) exterior metal window sashes; and,
   - Brick/mortar adjacent to white caulk on exterior metal window frames, wooden door frame, and ventilation louvers.

5. Removal and off-site disposal of the following materials as PCB Bulk Product Waste less than fifty (50) ppm or PCB Remediation Waste less than fifty (50) ppm from all locations identified on the Remediation Plans:

   - White caulk on (and including) interior metal door frames;
   - CMU/mortar adjacent to caulk on interior metal doorframes; and,
   - Exterior soil from Area 3.

6. Recordkeeping and distribution as required in accordance with 40 CFR part 761.125 (c) (5).

Remediation activities to be performed by others shall include the following:

1. Monitoring remediation activities as Owner's representative shall be performed by Eagle.

2. Collection of verification soil samples in accordance with subpart O of 40 CFR Part 761 for PCB analysis shall be performed by Eagle Environmental, Inc.

3. Demolition of the building shall be performed by Owner's general trade contractor under separate contract following PCB and asbestos remediation.

Prior to abatement and remediation activities, site preparation and controls shall be established. PCB Bulk Product Waste and PCB Remediation Waste containing greater than or equal to fifty (50) ppm of PCB will be removed and transported off-site for disposal at a TSCA-approved disposal facility or a RCRA Hazardous Waste Landfill.

PCB Remediation Waste and Mixed Regulated Asbestos – PCB Remediation Waste containing less than fifty (50) ppm of PCB will be transported to a state-approved solid waste disposal facility. PCB Remediation Waste less than fifty (50) ppm will be removed in accordance with the requirements of this Self-Implementing On-Site Cleanup and Disposal Plan in accordance with 40 CFR 761.61.

3.1 Site Preparation and Controls

The work shall be performed in accordance with the attached performance based technical specification section included in Appendix C. Prior to initiating PCB Removal the following site controls will be implemented.

- The Remediation Contractor shall prepare a Health & Safety Plan (HASP) specific to the site and work activities to be performed (Appendix D). All workers shall follow applicable federal and state regulation with regard to work activities, including but not limited to OSHA regulation including personal protection and respiratory protection requirements.
- Work zones shall be established in accordance with technical specification to include abatement zone, decontamination zone, and support zone. A regulated area surrounding the section of the building under construction will be established with orange construction fencing. The remediation work may be performed from inside or outside of the building. Window systems, doorframes, louvers, A/C units, and substrates scheduled for remediation will be sealed from the inside and outside with two (2) layers of 6-mil polyethylene sheeting (or equivalent) as "isolation" barriers. The ground surface shall be protected from contamination by covering it with two (2) layers of six (6)-mil polyethylene sheeting (or equivalent) at least ten feet (10) feet from the exterior wall and one (1) foot up the wall (ground cover is not required for soil remediation).
- The building is presently vacant and will not be reoccupied prior to demolition. To ensure that the work will present no risk to the neighborhood, the construction area will be secured from unauthorized entry. Work will be performed using appropriate engineering controls and signage to prevent exposure from the work. Refer to the technical specification section for requirements.
- All openings to building interior such as grilles and louvers shall be securely sealed with a single layer of six (6)-mil polyethylene sheeting. Refer to the technical specification section for requirements.
- Ground protection and isolation barriers shall remain in place throughout remediation work to collect debris resulting from the remediation. All debris generated during operations including but not limited to visible caulk/glazing compound, dust and debris shall be HEPA vacuumed continuously throughout the

work shift and at the end of the work shift to avoid accumulation. Any tears or rips that occur in polyethylene barriers shall be repaired or removed and replaced with new protections.

- All equipment utilized to perform cutting, or demolition of adjacent materials shall be equipped with appropriate dust collection systems. All visible dust shall be removed using HEPA vacuums and wet cleaning methods with solvent or other acceptable products.
- All surfaces adjacent to materials removed shall be properly decontaminated upon completing the removal of PCB Bulk Product Waste and PCB Remediation Waste. Exposed surfaces within the Abatement Zone Work Area will be decontaminated by HEPA vacuuming and wet cleaning methods.
- Appropriate PCB waste containers shall be placed adjacent to abatement zones. Containers shall be lined, covered and secured. The PCB waste containers shall be properly marked as described in 40 CFR 761.40 and 761.45.

3.2 Removal Procedures

The following removal procedures shall be utilized to conduct PCB Bulk Product Waste and PCB Remediation Waste removal.

Sequence of removal shall follow the following general requirements:

1. Source and substrate materials scheduled for removal as PCB Bulk Product Waste will be remediated and packaged and labeled for transport;

2. Source and substrate materials scheduled for removal as PCB Remediation Waste or Mixed Regulated Asbestos –PCB Remediation Waste will be remediated and packaged and labeled for transport;

3. Soil scheduled for removal as PCB Remediation Waste will be remediated and packaged and labeled for transport;

4. Once materials have been removed and surfaces cleaned, an Eagle representative shall be notified to visually inspect and to verify the completeness and effectiveness of removal and cleaning; and,

5. Upon successful completion of the visual inspection, sampling in accordance with the requirements of 40 CFR Subpart O will be conducted to verify completion of the soil remediation.

3.2.1 PCB Bulk Product Waste Materials

PCB Bulk Product Waste Materials shall be handled and removed from specified locations for proper disposal. Materials shall be removed carefully in a manner that does not breakdown the materials into fine dust or powder. Tools to be utilized shall include hand tools such as sharp point scrapers to remove materials from adjacent substrates. Any mechanical removal equipment shall be appropriately fitted with dust collection systems. Any dry or brittle caulking materials shall be removed with additional engineering controls such as use of a HEPA vacuum to remove accumulated dust or debris during removal. Once removed, materials shall be placed in lined containers or into appropriate temporary containers such as six (6)-mil polyethylene disposal bags for controlled transport to PCB waste containers at the end of each work shift. PCB Bulk Product Waste shall be stored for disposal in accordance with 40 CFR Part 761.65. All waste containers and storage areas shall be appropriately labeled in accordance with 40 CFR Part 761.40 and 761.45.

3.2.2 PCB Remediation Waste Materials

PCB Remediation Waste and Mixed Regulated Asbestos – PCB Remediation Waste less than fifty (50) ppm PCB shall be removed and immediately wrapped in six (6)-mil polyethylene sheeting or containerized in six (6)-mil polyethylene disposal bags for disposal. These containers shall be sealed in abatement zone when full during collection and then placed in disposal containers/storage trailers.

The packaged waste shall not be emptied into other containers to avoid dispersal of dust or fugitive emissions. No dry sweeping, dusting or blowing shall be allowed. The use of minimal quantities of water spray to moisten the generated dust prior to collection shall be utilized. Under no circumstances shall the PCB Remediation Waste or Mixed Regulated Asbestos – PCB Remediation Waste show evidence of free liquid water or pooling within the waste stream.

Any liquid used to wet the dust and debris to control fugitive emissions shall be collected and disposed of as PCB Liquid Waste in accordance with 40 CFR Part 761.61 (a)(5)(iv). All rags and other cleaning materials used to clean shall also be properly disposed of as PCB Remediation Waste.

All PCB Remediation Waste and Mixed Regulated Asbestos – PCB Remediation Waste shall be stored for disposal in accordance with 40 CFR Part 761.65. All waste containers and storage areas shall be appropriately labeled in accordance with 40 CFR Part 761.40 and 761.45.

3.3 Post-Remediation Verification Plan

Upon completion of work, a thorough visual inspection of all remediated surfaces for visible evidence of dust and debris shall be performed. Surfaces shall also be inspected for visible PCB source materials that may not have been removed.

Visual inspection shall ensure that no visible dust or debris is present on adjacent surfaces where sources and substrates were removed. In addition to the remediated surfaces, the surfaces of protective coverings and isolation barriers shall be inspected to ensure they are cleaned of dust and debris.

Since scheduled window systems, doorframes, ventilation louvers, portable A/C units, and all substrate materials in contact with source materials that contain PCB in excess of one (1) ppm will be removed in their entirety; the visual inspection shall provide verification that remediation work has been completed in accordance with this SIP.

Upon successful completion of the visual inspection, sampling in accordance with the requirements of 40 CFR Subpart O will be conducted to verify completion of the soil remediation.

4.0 Schedule and Plan Certification

It is the intent of the Owner (Town of Berlin) to begin the removal of PCB Bulk Product Waste and PCB Remediation Waste Materials in accordance with this plan.

It is anticipated that the work shall be performed as expeditiously as possible to meet the construction schedule. Upon completing the PCB Remediation and verification inspection confirming that the Project Objectives have been met, the demolition work shall commence.

The Owner hereby certifies that all the sampling plans, sample collection procedures, sample preparation procedures, extraction procedures and instrumental/chemical analysis procedures used to assess or characterize the PCB contamination at the cleanup site, are on file at the Town and available for EPA inspection.

Denise McNair — 4-18-12

Owner's Representative
Denise McNair
Town Manager

Date

Eagle Environmental, Inc. Representative
Ashis Roychowdhury
Executive Vice President

04/18/2012
Date

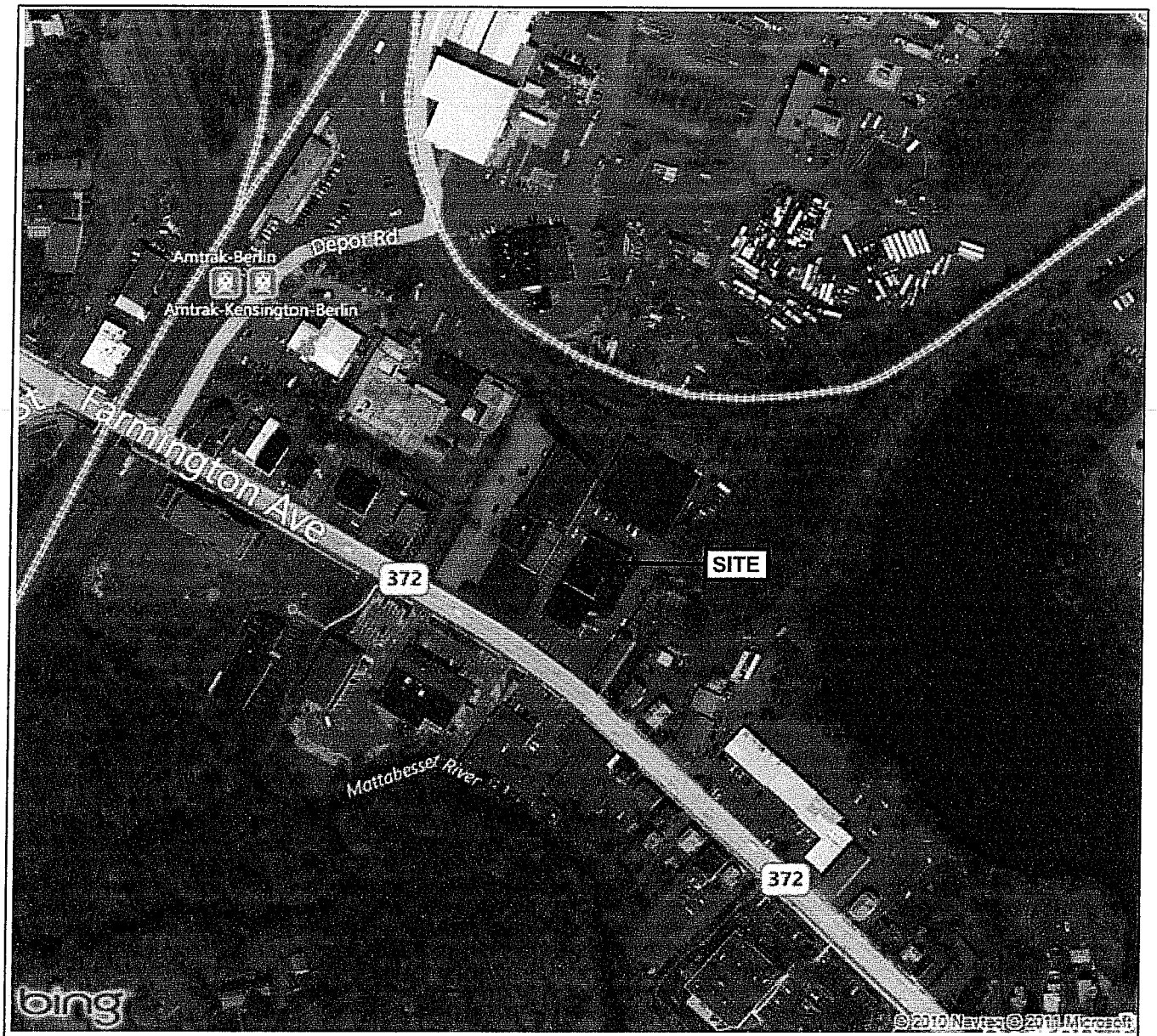
Remediation Contractor Representative
(To be determined)

Date

The work of this plan was prepared to support applications under the Code of Federal regulations Title 40 Section 761.79 (h) and 40 CFR 761.61 (a) for EPA approval of alternative decontamination and sampling approaches for specified porous and nonporous materials impacted by specified non-liquid PCB-containing caulking and glazing compounds associated with former Kensington Furniture Company showroom building located at 413 Farmington Avenue in Berlin, Connecticut. Decontamination procedures and post abatement acceptance criteria will be based on post abatement visual inspections.

DIAGRAM 1-1

SITE LOCATION MAP (SP-1)



SITE PLAN

NOT TO SCALE

NORTH

EAGLE Environmental, Inc.
531 NORTH MAIN STREET
BRISTOL, CONNECTICUT 06010
860-589-8257

SHEET NO.
SP-1

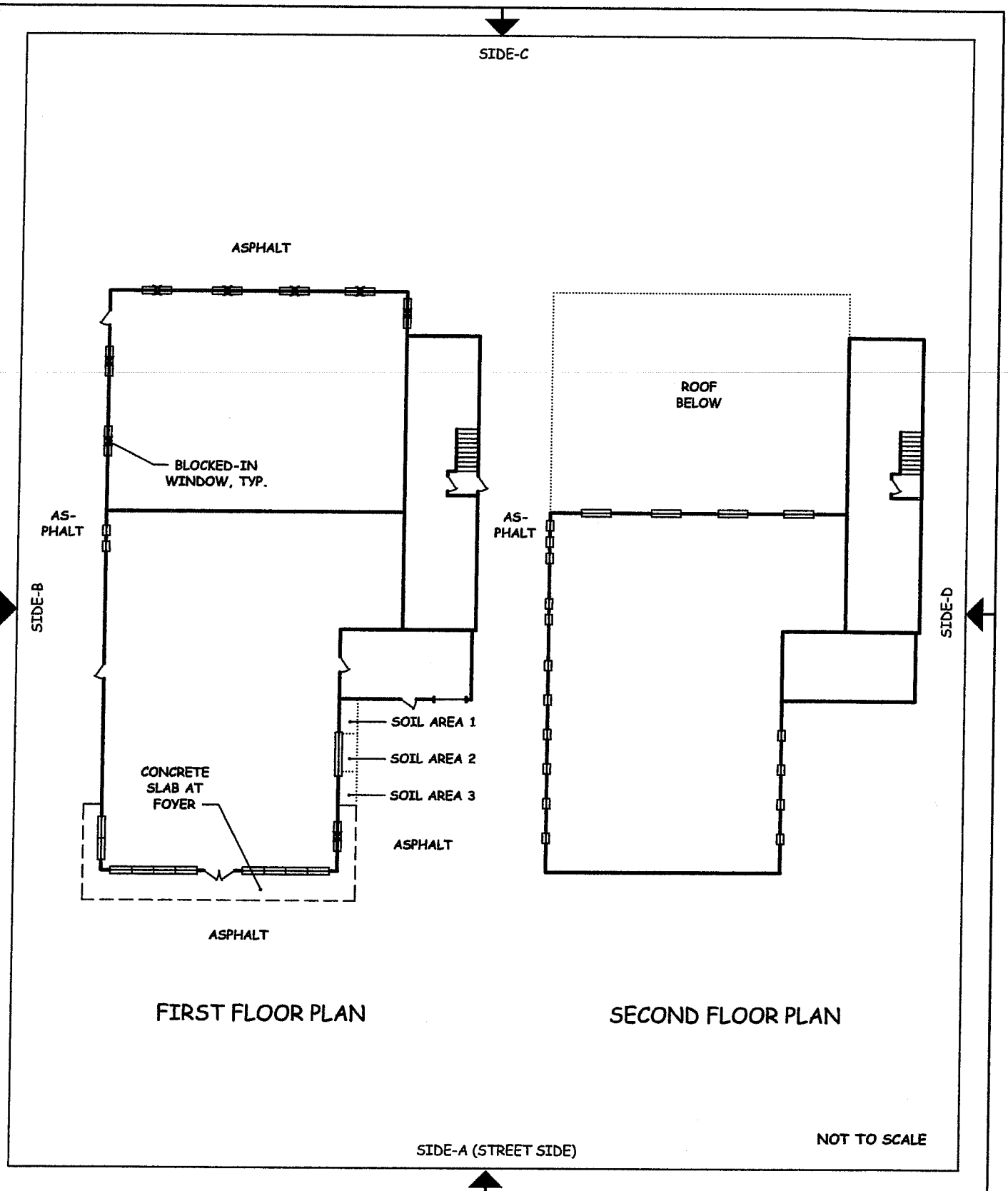
DATE: 3/7/12
PROJECT NO.: 11-015.15A
DRAWN BY: BLS
REVIEWED BY: AR

HAZARDOUS BUILDING MATERIALS INSPECTION
913 FARMINGTON AVENUE
BERLIN, CONNECTICUT
SITE PLAN

FILE NAME: P:\2011 Files\2011 AutoCad\Berlin, Town of\913 Farmington.Kensington\INSPECTION\CAD\Site Plan.dwg

DIAGRAM 1-2

BUILDING PLAN (BP-1)



EAGLE Environmental, Inc.

531 NORTH MAIN STREET
BRISTOL, CONNECTICUT 06010
860-589-8257

DATE: 3/6/12
PROJECT NO.: 11-015.15A
DRAWN BY: MR, BLS
REVIEWED BY: JT, AR

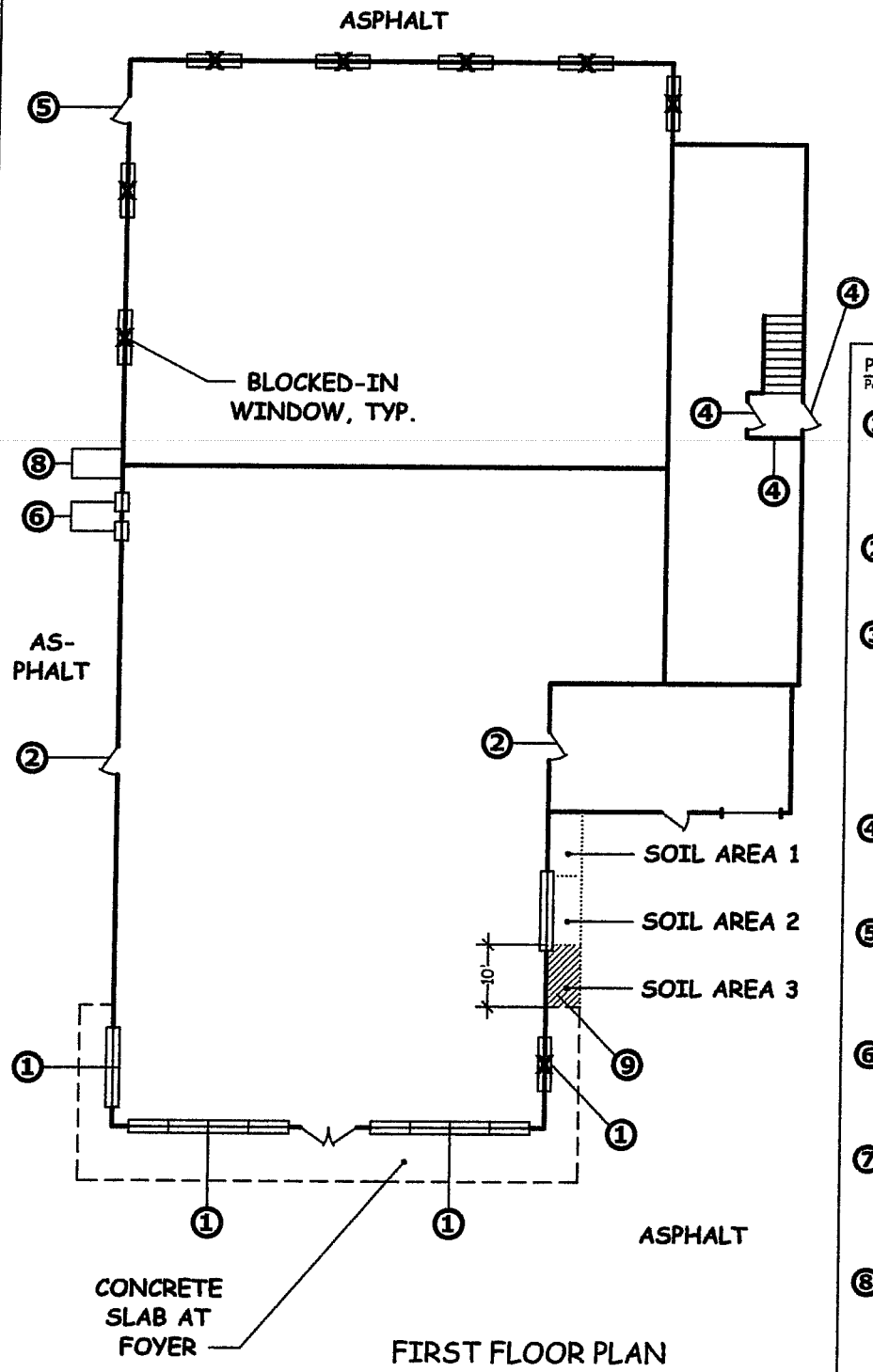
HAZARDOUS BUILDING MATERIALS INSPECTION
913 FARMINGTON AVENUE
KENSINGTON, CONNECTICUT
BUILDING PLAN

SHEET NO.
BP-1

FILE NAME: P:\2011 Files\2011 AutoCad\Berlin, Town of\913 Farmington.Kensington\INSPECTION\913 Farmington.Kensington.Floor Plans.dwg

DIAGRAM 1-3

PCB REMEDIATION PLAN (PCB 1.1 AND PCB 1.2)



PCB REMEDIATION KEY:
PCB=POLY-CHLORINATED BIPHENYL

1. REMOVE WOOD/ALUMINUM WINDOW FRAMES AND SASHES WITH GREY PCB FRAME CAULK. REMOVE FIRST COURSE OF BRICK/MORTAR AND CONCRETE. HANDLE AND DISPOSE OF AS PCB BULK PRODUCT WASTE.
2. REMOVE METAL DOORFRAME WITH GREY PCB FRAME CAULK. REMOVE FIRST COURSE OF BRICK/MORTAR. HANDLE AND DISPOSE OF AS PCB BULK PRODUCT WASTE.
3. REMOVE PORTABLE A/C UNIT WITH GREY OR BROWN PCB CAULK. REMOVE PLYWOOD MOUNTING PANEL FROM WINDOW OPENING. HANDLE AND DISPOSE OF AS PCB BULK PRODUCT WASTE REMOVE FIRST COURSE OF BRICK/MORTAR WITH RESIDUAL WHITE PCB FRAME CAULK. HANDLE AND DISPOSE OF AS MIXED REGULATED ASBESTOS - PCB REMEDIATION WASTE LESS THAN 50 PPM.
4. REMOVE METAL DOORFRAME WITH GREY PCB FRAME CAULK. REMOVE FIRST COURSE OF CMU/MORTAR. HANDLE AND DISPOSE OF AS PCB REMEDIATION WASTE LESS THAN 50 PPM.
5. REMOVE WOODEN DOORFRAME WITH WHITE PCB FRAME CAULK. REMOVE FIRST COURSE OF BRICK/MORTAR. HANDLE AND DISPOSE OF AS MIXED REGULATED ASBESTOS - PCB REMEDIATION WASTE LESS THAN 50 PPM.
6. REMOVE METAL WINDOW SASH WITH WHITE PCB GLAZING COMPOUND. HANDLE AND DISPOSE OF AS MIXED REGULATED ASBESTOS - PCB REMEDIATION WASTE LESS THAN 50 PPM.
7. REMOVE METAL WINDOW FRAME WITH WHITE PCB FRAME CAULK. REMOVE FIRST COURSE OF BRICK/MORTAR. HANDLE AND DISPOSE OF AS MIXED REGULATED ASBESTOS - PCB REMEDIATION WASTE LESS THAN 50 PPM.
8. REMOVE METAL VENTILATION LOUVER WITH WHITE PCB CAULK. REMOVE FIRST COURSE OF BRICK/MORTAR. HANDLE AND DISPOSE OF AS MIXED REGULATED ASBESTOS - PCB REMEDIATION WASTE LESS THAN 50 PPM.
9. REMOVE SOIL BETWEEN BUILDING AND ASPHALT HARDSCAPE TO DEPTH OF APPROXIMATELY 4 INCHES BELOW GRADE. HANDLE AND DISPOSE OF AS PCB REMEDIATION WASTE LESS THAN 50 PPM.

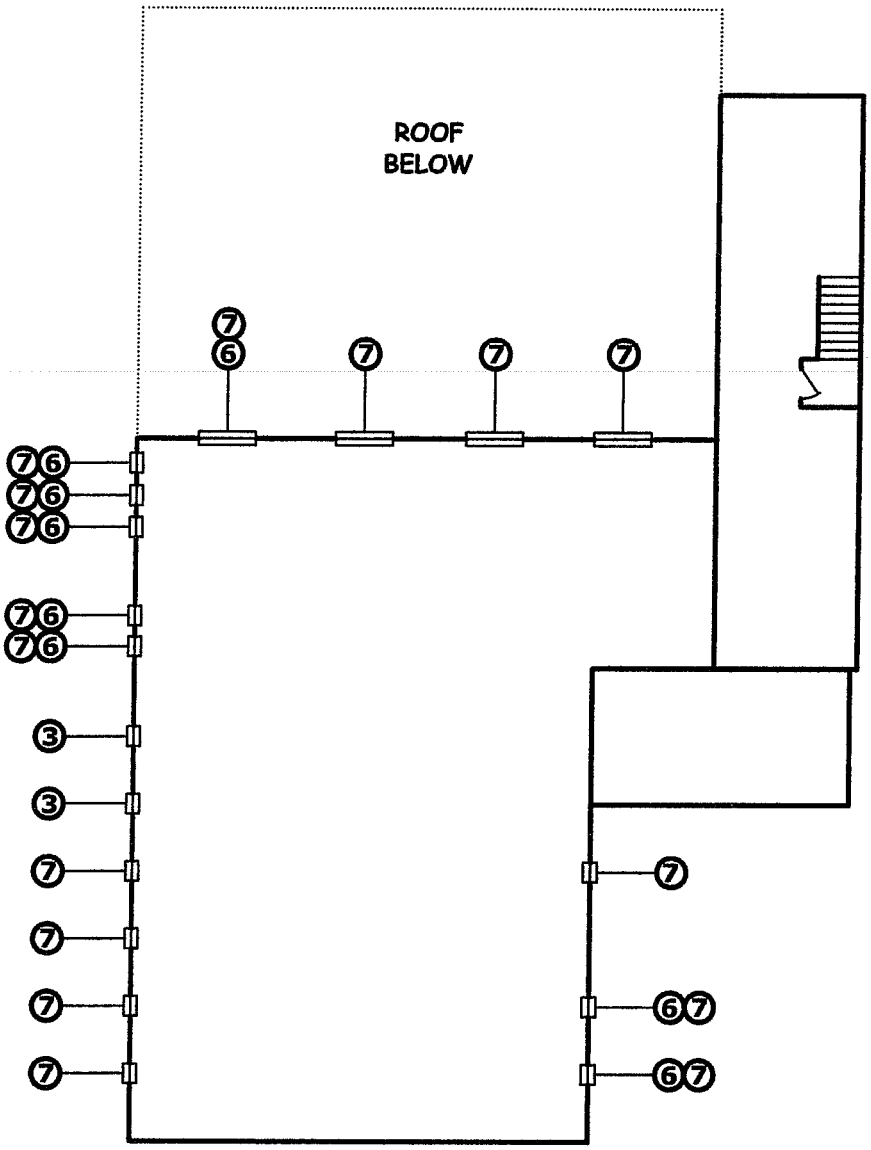
EAGLE Environmental, Inc.
531 NORTH MAIN STREET
BRISTOL, CONNECTICUT 06010
860-589-8257

SHEET NO.
PCB-1.1

DATE: 3/6/12
PROJECT NO.: 11-015.15A
DRAWN BY: BLS, MR
REVIEWED BY: AR, JT

TOWN OF BERLIN
PCB REMEDIATION PLAN
913 FARMINGTON AVENUE
KENSINGTON, CONNECTICUT

FILE NAME: P:\2011 Files\2011 AutoCad\Berlin, Town of\913 Farmington.Kensington\ABATEMENT\CAD\913 Farmington.PCB.dwg



SECOND FLOOR PLAN

NOT TO SCALE

PCB REMEDIATION KEY:
PCB=POLY-CHLORINATED BIPHENYL

1. REMOVE WOOD/ALUMINUM WINDOW FRAMES AND SASHES WITH GREY PCB FRAME CAULK. REMOVE FIRST COURSE OF BRICK/MORTAR AND CONCRETE. HANDLE AND DISPOSE OF AS PCB BULK PRODUCT WASTE.
2. REMOVE METAL DOORFRAME WITH GREY PCB FRAME CAULK. REMOVE FIRST COURSE OF BRICK/MORTAR. HANDLE AND DISPOSE OF AS PCB BULK PRODUCT WASTE.
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4. REMOVE METAL DOORFRAME WITH GREY PCB FRAME CAULK. REMOVE FIRST COURSE OF CMU/MORTAR. HANDLE AND DISPOSE OF AS PCB REMEDIATION WASTE LESS THAN 50 PPM.
5. REMOVE WOODEN DOORFRAME WITH WHITE PCB FRAME CAULK. REMOVE FIRST COURSE OF BRICK/MORTAR. HANDLE AND DISPOSE OF AS MIXED REGULATED ASBESTOS - PCB REMEDIATION WASTE LESS THAN 50 PPM.
6. REMOVE METAL WINDOW SASH WITH WHITE PCB GLAZING COMPOUND. HANDLE AND DISPOSE OF AS MIXED REGULATED ASBESTOS - PCB REMEDIATION WASTE LESS THAN 50 PPM.
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9. REMOVE SOIL BETWEEN BUILDING AND ASPHALT HARDSCAPE TO DEPTH OF APPROXIMATELY 4 INCHES BELOW GRADE. HANDLE AND DISPOSE OF AS PCB REMEDIATION WASTE LESS THAN 50 PPM.

EAGLE Environmental, Inc.
531 NORTH MAIN STREET
BRISTOL, CONNECTICUT 06010
860-589-8257

SHEET NO.
PCB-1.2

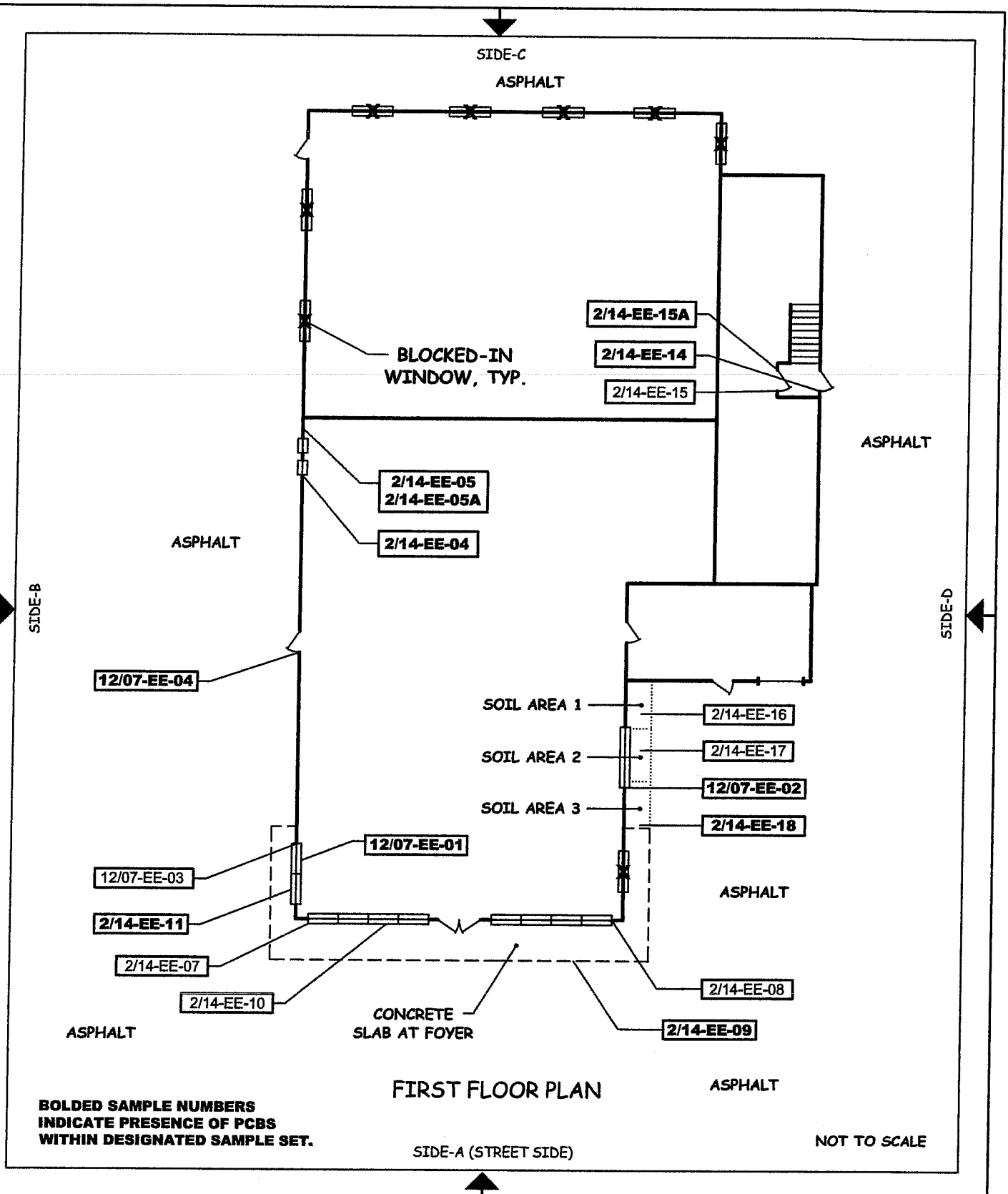
DATE: 3/6/12
PROJECT NO.: 11-015.15A
DRAWN BY: BLS, MR
REVIEWED BY: AR, JT

TOWN OF BERLIN
PCB REMEDIATION PLAN
913 FARMINGTON AVENUE
KENSINGTON, CONNECTICUT

FILE NAME: P:\2011 Files\2011 AutoCad\Berlin, Town of\913 Farmington.Kensington\ABATEMENT\CAD\913 Farmington.PCB.dwg

DIAGRAM 2-1

SAMPLE LOCATION DIAGRAM – SOURCE MATERIALS (PCB-SO-1)



EAGLE Environmental, Inc.
531 NORTH MAIN STREET
BRISTOL, CONNECTICUT 06010
860-589-8257

DATE: 3/6/12
PROJECT NO.: 11-015.15A
DRAWN BY: MR, BLS
REVIEWED BY: JT, AR

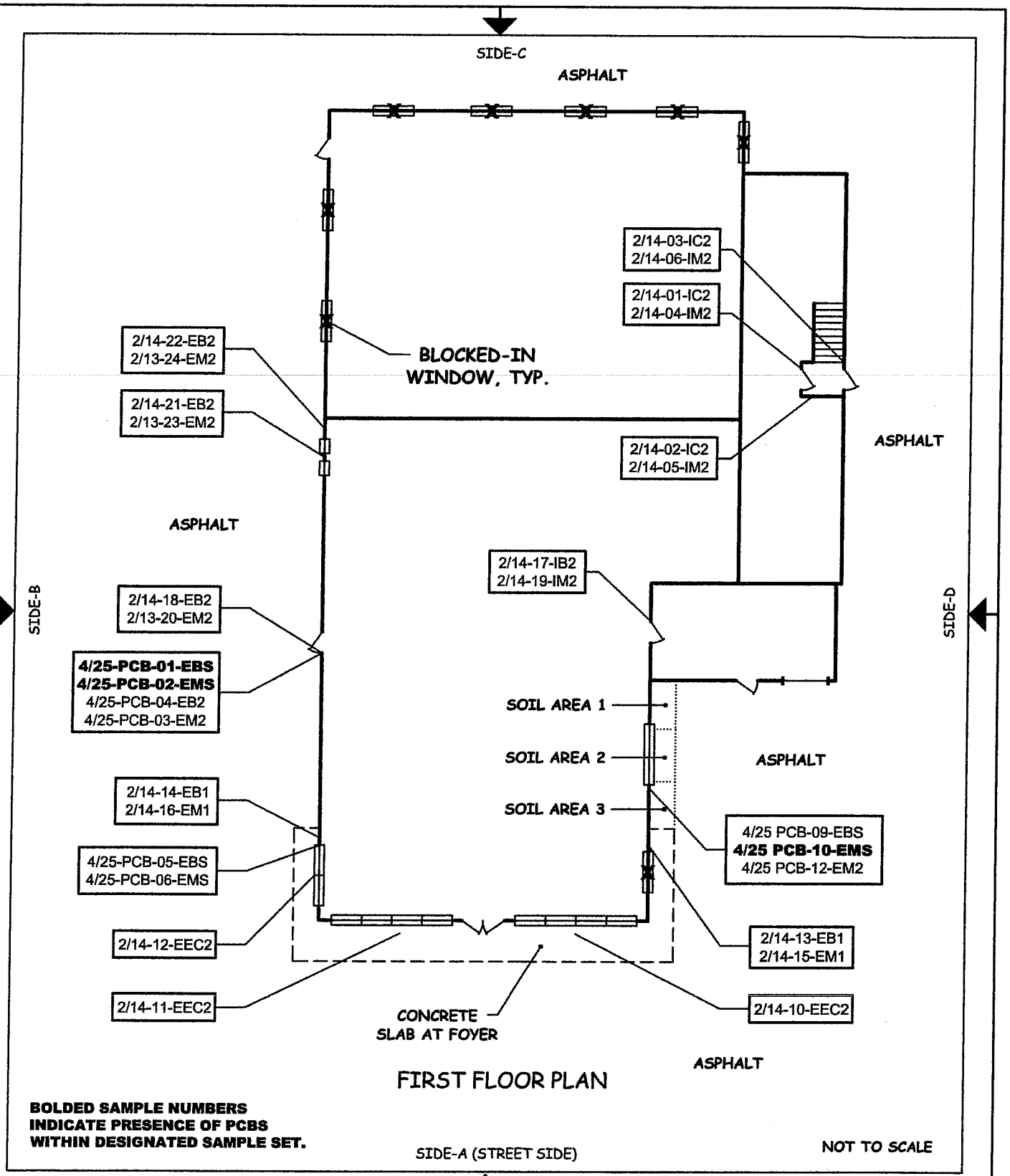
HAZARDOUS BUILDING MATERIALS INSPECTION
913 FARMINGTON AVENUE
KENSINGTON, CONNECTICUT
PCB SOURCE SAMPLE LOCATION DIAGRAM

SHEET NO.
PCB-SO-1

FILE NAME: P:\2011 Files\2011 AutoCad\Berlin, Town of\913 Farmington.Kensington\INSPECTION\913 Farmington.Kensington.Floor Plans.dwg

DIAGRAM 2-2

SAMPLE LOCATION DIAGRAM – EXTERIOR ADJACENT POROUS SUBSTRATES
(PCB-SU-1)



EAGLE Environmental, Inc.
531 NORTH MAIN STREET
BRISTOL, CONNECTICUT 06010
860-589-8257

SHEET NO.
PCB-SU-1

DATE: 3/6/12
PROJECT NO.: 11-015.15A
DRAWN BY: MR, BLS
REVIEWED BY: JT, AR

HAZARDOUS BUILDING MATERIALS INSPECTION
913 FARMINGTON AVENUE
KENSINGTON, CONNECTICUT
PCB SUBSTRATE SAMPLE LOCATION DIAGRAM

FILE NAME: P:\2011 Files\2011 AutoCad\Berlin, Town of\913 Farmington.Kensington\INSPECTION\913 Farmington.Kensington.Floor Plans.dwg

APPENDIX A

TABLE I: SAMPLING OF SOURCE MATERIALS - RESULT SUMMARY, LABORATORY RESULTS AND CHAIN OF CUSTODY FORMS

TABLE I
PCB CONTAINING MATERIALS
SOURCE SUMMARY TABLE
913 FARMINGTON AVENUE
KENSINGTON, CONNECTICUT

SOURCE SAMPLES									
SAMPLE DATE	SAMPLE #	SOURCE LOCATION	SAMPLE TYPE	SAMPLE DESCRIPTION	RESULT (PPM) ND/ <1 PPM	RESULT (PPM) >1 PPM <50 PPM	RESULT (PPM) >50 PPM	LOCATIONS FOUND	ESTIMATED QUANTITY
12-7-2010	**12-7-EE-01**	steel window sashes	A	**White window glazing compound**		**24**		1st and 2nd floors sides B and C	280 LF
2-14-2012	**2-14-EE-01**					**12**			
2-14-2012	**2-14-EE-02**					**1.5**			
2-14-2012	**2-14-EE-03**					**1.4**			
12-7-2010	**12-07-EE-02**	steel window frames, louvers, wooden door frame	B	**White frame caulk**		**21**		1st and 2nd floors sides B, C and D	200 LF
2-14-2012	**2-14-EE-04**					**17**			
2-14-2012	**2-14-EE-05**					**1.5**			
2-14-2012	**2-14-EE-05A**			**White frame caulk QC Duplicate**		**1.8**			
12-7-2010	12-7-EE-03	exterior wooden window frames	C	Tan window frame caulk	ND			1st floor side A, B and D	N/A
2-14-2012	2-14-EE-07				ND				
2-14-2012	2-14-EE-08				ND				
12-7-2010	**12-7-EE-04**	exterior steel door frames	D	**Grey exterior door frame caulk**			**3,400**	1st floor side B and D	34 LF
2-14-2012	**2-14-EE-09**	exterior wooden window frames	E	**Grey exterior wooden window frame caulk**			**540**	1st floor side A, B and D	200 LF
2-14-2012	2-14-EE-10				ND				
2-14-2012	**2-14-EE-11**						**510**		
2-14-2012	**2-14-EE-14**	interior metal door frames	F	**White interior metal door frame caulk**		**1.5**		1st floor side D	52 LF
2-14-2012	2-14-EE-15				0.79				
2-14-2012	**2-14-EE-15A**					**1.1**			

KEY	ANALYTICAL METHOD
ND = NON DETECTED (<1 PPM)	SW 846-8082/3540 C

*** Bolded sample numbers indicates presence of PCB in excess of 1 PPM**

PHOENIX
Environmental Laboratories, Inc

Monday, February 20, 2012

Attn: Ms. Brandy LeBlanc
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Project ID: 913 FARMINGTON AVE., BERLIN, CT
Sample ID#s: BB43756 - BB43772

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX
Environmental Laboratories, Inc.

Tuesday, December 14, 2010

Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Project ID: BERLIN, TOWN OF - 913 FARMINGTON AVE
Sample ID#s: AZ85171 - AZ85174

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 14, 2010

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		12/07/10	0:00
Location Code:	EAGLEENV	Received by:	LDF	12/08/10	14:18
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	10-247.12				

Laboratory Data

SDG ID: GAZ85171
Phoenix ID: AZ85171

Project ID: BERLIN, TOWN OF - 913 FARMINGTON AVE
Client ID: 12-7 EE 01

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	12/08/10			E160.3
Caulk Extraction for PCB	Completed			12/08/10		BB/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	4200	ug/Kg	12/13/10		MH	3540C/8082
PCB-1221	ND	4200	ug/Kg	12/13/10		MH	3540C/8082
PCB-1232	ND	4200	ug/Kg	12/13/10		MH	3540C/8082
PCB-1242	ND	4200	ug/Kg	12/13/10		MH	3540C/8082
PCB-1248	ND	4200	ug/Kg	12/13/10		MH	3540C/8082
PCB-1254	24000	4200	ug/Kg	12/13/10		MH	3540C/8082
PCB-1260	ND	4200	ug/Kg	12/13/10		MH	3540C/8082
PCB-1262	ND	4200	ug/Kg	12/13/10		MH	3540C/8082
PCB-1268	ND	4200	ug/Kg	12/13/10		MH	3540C/8082
QA/QC Surrogates							
% DCBP	Diluted Out		%	12/13/10		MH	3540C/8082
% TCMX	Diluted Out		%	12/13/10		MH	3540C/8082

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
December 15, 2010

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 20, 2012

FOR: Attn: Ms. Brandy LeBlanc
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/14/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/15/12	14:03
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBB43756
Phoenix ID: BB43756

Project ID: 913 FARMINGTON AVE., BERLIN, CT

Client ID: 2-14-EE-01

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	02/15/12			E160.3
Caulk Extraction for PCB	Completed			02/15/12		BQ/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	3700	ug/Kg	02/17/12		MH	3540C/8082
PCB-1221	ND	3700	ug/Kg	02/17/12		MH	3540C/8082
PCB-1232	ND	3700	ug/Kg	02/17/12		MH	3540C/8082
PCB-1242	ND	3700	ug/Kg	02/17/12		MH	3540C/8082
PCB-1248	ND	3700	ug/Kg	02/17/12		MH	3540C/8082
PCB-1254	12000	3700	ug/Kg	02/17/12		MH	3540C/8082
PCB-1260	ND	3700	ug/Kg	02/17/12		MH	3540C/8082
PCB-1262	ND	3700	ug/Kg	02/17/12		MH	3540C/8082
PCB-1268	ND	3700	ug/Kg	02/17/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	Diluted Out		%	02/17/12		MH	30 - 150 %
% TCMX	Diluted Out		%	02/17/12		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
February 20, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 20, 2012

FOR: Attn: Ms. Brandy LeBlanc
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/14/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/15/12	14:03
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBB43756
Phoenix ID: BB43757

Project ID: 913 FARMINGTON AVE., BERLIN, CT
Client ID: 2-14-EE-02

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	02/15/12			E160.3
Caulk Extraction for PCB	Completed			02/15/12		BQ/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	760	ug/Kg	02/16/12		MH	3540C/8082
PCB-1221	ND	760	ug/Kg	02/16/12		MH	3540C/8082
PCB-1232	ND	760	ug/Kg	02/16/12		MH	3540C/8082
PCB-1242	ND	760	ug/Kg	02/16/12		MH	3540C/8082
PCB-1248	ND	760	ug/Kg	02/16/12		MH	3540C/8082
PCB-1254	1500	760	ug/Kg	02/16/12		MH	3540C/8082
PCB-1260	ND	760	ug/Kg	02/16/12		MH	3540C/8082
PCB-1262	ND	760	ug/Kg	02/16/12		MH	3540C/8082
PCB-1268	ND	760	ug/Kg	02/16/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	122		%	02/16/12		MH	30 - 150 %
% TCMX	107		%	02/16/12		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
February 20, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 20, 2012

FOR: Attn: Ms. Brandy LeBlanc
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/14/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/15/12	14:03
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBB43756
Phoenix ID: BB43758

Project ID: 913 FARMINGTON AVE., BERLIN, CT

Client ID: 2-14-EE-03

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	02/15/12			E160.3
Caulk Extraction for PCB	Completed			02/15/12		BQ/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	740	ug/Kg	02/16/12		MH	3540C/8082
PCB-1221	ND	740	ug/Kg	02/16/12		MH	3540C/8082
PCB-1232	ND	740	ug/Kg	02/16/12		MH	3540C/8082
PCB-1242	ND	740	ug/Kg	02/16/12		MH	3540C/8082
PCB-1248	ND	740	ug/Kg	02/16/12		MH	3540C/8082
PCB-1254	1400	740	ug/Kg	02/16/12		MH	3540C/8082
PCB-1260	ND	740	ug/Kg	02/16/12		MH	3540C/8082
PCB-1262	ND	740	ug/Kg	02/16/12		MH	3540C/8082
PCB-1268	ND	740	ug/Kg	02/16/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	120		%	02/16/12		MH	30 - 150 %
% TCMX	109		%	02/16/12		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
February 20, 2012

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 14, 2010

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		12/07/10	0:00
Location Code:	EAGLEENV	Received by:	LDF	12/08/10	14:18
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	10-247.12				

Laboratory Data

SDG ID: GAZ85171
Phoenix ID: AZ85172

Project ID: BERLIN, TOWN OF - 913 FARMINGTON AVE
Client ID: 12-7 EE 02

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	12/08/10			E160.3
Caulk Extraction for PCB	Completed			12/08/10		BB/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	4200	ug/Kg	12/13/10		MH	3540C/8082
PCB-1221	ND	4200	ug/Kg	12/13/10		MH	3540C/8082
PCB-1232	ND	4200	ug/Kg	12/13/10		MH	3540C/8082
PCB-1242	ND	4200	ug/Kg	12/13/10		MH	3540C/8082
PCB-1248	ND	4200	ug/Kg	12/13/10		MH	3540C/8082
PCB-1254	21000	4200	ug/Kg	12/13/10		MH	3540C/8082
PCB-1260	ND	4200	ug/Kg	12/13/10		MH	3540C/8082
PCB-1262	ND	4200	ug/Kg	12/13/10		MH	3540C/8082
PCB-1268	ND	4200	ug/Kg	12/13/10		MH	3540C/8082
QA/QC Surrogates							
% DCBP	Diluted Out		%	12/13/10		MH	3540C/8082
% TCMX	Diluted Out		%	12/13/10		MH	3540C/8082

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
December 15, 2010

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 20, 2012

FOR: Attn: Ms. Brandy LeBlanc
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/14/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/15/12	14:03
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBB43756
Phoenix ID: BB43759

Project ID: 913 FARMINGTON AVE., BERLIN, CT

Client ID: 2-14-EE-04

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	02/15/12			E160.3
Caulk Extraction for PCB	Completed			02/15/12		BQ/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	3800	ug/Kg	02/16/12		MH	3540C/8082
PCB-1221	ND	3800	ug/Kg	02/16/12		MH	3540C/8082
PCB-1232	ND	3800	ug/Kg	02/16/12		MH	3540C/8082
PCB-1242	ND	3800	ug/Kg	02/16/12		MH	3540C/8082
PCB-1248	ND	3800	ug/Kg	02/16/12		MH	3540C/8082
PCB-1254	17000	3800	ug/Kg	02/16/12		MH	3540C/8082
PCB-1260	ND	3800	ug/Kg	02/16/12		MH	3540C/8082
PCB-1262	ND	3800	ug/Kg	02/16/12		MH	3540C/8082
PCB-1268	ND	3800	ug/Kg	02/16/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	Diluted Out		%	02/16/12		MH	30 - 150 %
% TCMX	Diluted Out		%	02/16/12		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
February 20, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 20, 2012

FOR: Attn: Ms. Brandy LeBlanc
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/14/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/15/12	14:03
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBB43756
Phoenix ID: BB43760

Project ID: 913 FARMINGTON AVE., BERLIN, CT
Client ID: 2-14-EE-05

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	02/15/12			E160.3
Caulk Extraction for PCB	Completed			02/15/12		BQ/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	810	ug/Kg	02/17/12		MH	3540C/8082
PCB-1221	ND	810	ug/Kg	02/17/12		MH	3540C/8082
PCB-1232	ND	810	ug/Kg	02/17/12		MH	3540C/8082
PCB-1242	ND	810	ug/Kg	02/17/12		MH	3540C/8082
PCB-1248	ND	810	ug/Kg	02/17/12		MH	3540C/8082
PCB-1254	1500	810	ug/Kg	02/17/12		MH	3540C/8082
PCB-1260	ND	810	ug/Kg	02/17/12		MH	3540C/8082
PCB-1262	ND	810	ug/Kg	02/17/12		MH	3540C/8082
PCB-1268	ND	810	ug/Kg	02/17/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	68		%	02/17/12		MH	30 - 150 %
% TCMX	58		%	02/17/12		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
February 20, 2012

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NELAC ACCREDITED IN ACCORDANCE WITH NELAC NY # 11301

Analysis Report

February 20, 2012

FOR: Attn: Ms. Brandy LeBlanc
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/14/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/15/12	14:03
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBB43756
Phoenix ID: BB43761

Project ID: 913 FARMINGTON AVE., BERLIN, CT
Client ID: 2-14-EE-05A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	02/15/12			E160.3
Caulk Extraction for PCB	Completed			02/15/12		BQ/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	810	ug/Kg	02/17/12		MH	3540C/8082
PCB-1221	ND	810	ug/Kg	02/17/12		MH	3540C/8082
PCB-1232	ND	810	ug/Kg	02/17/12		MH	3540C/8082
PCB-1242	ND	810	ug/Kg	02/17/12		MH	3540C/8082
PCB-1248	ND	810	ug/Kg	02/17/12		MH	3540C/8082
PCB-1254	1800	810	ug/Kg	02/17/12		MH	3540C/8082
PCB-1260	ND	810	ug/Kg	02/17/12		MH	3540C/8082
PCB-1262	ND	810	ug/Kg	02/17/12		MH	3540C/8082
PCB-1268	ND	810	ug/Kg	02/17/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	76		%	02/17/12		MH	30 - 150 %
% TCMX	63		%	02/17/12		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
February 20, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 14, 2010

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		12/07/10	0:00
Location Code:	EAGLEENV	Received by:	LDF	12/08/10	14:18
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	10-247.12				

Laboratory Data

SDG ID: GAZ85171
Phoenix ID: AZ85173

Project ID: BERLIN, TOWN OF - 913 FARMINGTON AVE

Client ID: 12-7 EE 03

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	12/08/10			E160.3
Caulk Extraction for PCB	Completed			12/08/10		BB/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	830	ug/Kg	12/09/10		MH	3540C/8082
PCB-1221	ND	830	ug/Kg	12/09/10		MH	3540C/8082
PCB-1232	ND	830	ug/Kg	12/09/10		MH	3540C/8082
PCB-1242	ND	830	ug/Kg	12/09/10		MH	3540C/8082
PCB-1248	ND	830	ug/Kg	12/09/10		MH	3540C/8082
PCB-1254	ND	830	ug/Kg	12/09/10		MH	3540C/8082
PCB-1260	ND	830	ug/Kg	12/09/10		MH	3540C/8082
PCB-1262	ND	830	ug/Kg	12/09/10		MH	3540C/8082
PCB-1268	ND	830	ug/Kg	12/09/10		MH	3540C/8082
QA/QC Surrogates							
% DCBP	122		%	12/09/10		MH	3540C/8082
% TCMX	102		%	12/09/10		MH	3540C/8082

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
December 15, 2010

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 20, 2012

FOR: Attn: Ms. Brandy LeBlanc
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/14/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/15/12	14:03
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBB43756
Phoenix ID: BB43762

Project ID: 913 FARMINGTON AVE., BERLIN, CT
Client ID: 2-14-EE-07

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	02/15/12			E160.3
Caulk Extraction for PCB	Completed			02/15/12		BQ/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	800	ug/Kg	02/16/12		MH	3540C/8082
PCB-1221	ND	800	ug/Kg	02/16/12		MH	3540C/8082
PCB-1232	ND	800	ug/Kg	02/16/12		MH	3540C/8082
PCB-1242	ND	800	ug/Kg	02/16/12		MH	3540C/8082
PCB-1248	ND	800	ug/Kg	02/16/12		MH	3540C/8082
PCB-1254	ND	800	ug/Kg	02/16/12		MH	3540C/8082
PCB-1260	ND	800	ug/Kg	02/16/12		MH	3540C/8082
PCB-1262	ND	800	ug/Kg	02/16/12		MH	3540C/8082
PCB-1268	ND	800	ug/Kg	02/16/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	112		%	02/16/12		MH	30 - 150 %
% TCMX	103		%	02/16/12		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
February 20, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 20, 2012

FOR: Attn: Ms. Brandy LeBlanc
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/14/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/15/12	14:03
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBB43756
Phoenix ID: BB43763

Project ID: 913 FARMINGTON AVE., BERLIN, CT
Client ID: 2-14-EE-08

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	02/15/12			E160.3
Caulk Extraction for PCB	Completed			02/15/12		BQ/K	SW3540C
PCB (Soxblet)							
PCB-1016	ND	830	ug/Kg	02/16/12		MH	3540C/8082
PCB-1221	ND	830	ug/Kg	02/16/12		MH	3540C/8082
PCB-1232	ND	830	ug/Kg	02/16/12		MH	3540C/8082
PCB-1242	ND	830	ug/Kg	02/16/12		MH	3540C/8082
PCB-1248	ND	830	ug/Kg	02/16/12		MH	3540C/8082
PCB-1254	ND	830	ug/Kg	02/16/12		MH	3540C/8082
PCB-1260	ND	830	ug/Kg	02/16/12		MH	3540C/8082
PCB-1262	ND	830	ug/Kg	02/16/12		MH	3540C/8082
PCB-1268	ND	830	ug/Kg	02/16/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	108		%	02/16/12		MH	30 - 150 %
% TCMX	96		%	02/16/12		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
February 20, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 14, 2010

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		12/07/10	0:00
Location Code:	EAGLEENV	Received by:	LDF	12/08/10	14:18
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	10-247.12				

Laboratory Data

SDG ID: GAZ85171
Phoenix ID: AZ85174

Project ID: BERLIN, TOWN OF - 913 FARMINGTON AVE

Client ID: 12-7 EE 04

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	12/08/10			E160.3
Caulk Extraction for PCB	Completed			12/08/10		BB/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	830000	ug/Kg	12/13/10		MH	3540C/8082
PCB-1221	ND	830000	ug/Kg	12/13/10		MH	3540C/8082
PCB-1232	ND	830000	ug/Kg	12/13/10		MH	3540C/8082
PCB-1242	ND	830000	ug/Kg	12/13/10		MH	3540C/8082
PCB-1248	*	830000	ug/Kg	12/13/10		MH	3540C/8082
PCB-1254	*	830000	ug/Kg	12/13/10		MH	3540C/8082
PCB-1260	ND	830000	ug/Kg	12/13/10		MH	3540C/8082
PCB-1262	ND	830000	ug/Kg	12/13/10		MH	3540C/8082
PCB-1268	ND	830000	ug/Kg	12/13/10		MH	3540C/8082
Total PCBs	3400000	830000	ug/Kg	12/13/10		MH	3540C/8082
QA/QC Surrogates							
% DCBP	Diluted Out		%	12/13/10		MH	3540C/8082
% TCMX	Diluted Out		%	12/13/10		MH	3540C/8082

Project ID: BERLIN, TOWN OF - 913 FARMINGTON AVE
Client ID: 12-7 EE 04

Phoenix I.D.: AZ85174

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

* For PCBs, as per section 11.9.3, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by using the total area of the PCB pattern to that of the acroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
December 15, 2010

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 20, 2012

FOR: Attn: Ms. Brandy LeBlanc
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/14/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/15/12	14:03
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBB43756
Phoenix ID: BB43764

Project ID: 913 FARMINGTON AVE., BERLIN, CT
Client ID: 2-14-EE-09

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	02/15/12			E160.3
Caulk Extraction for PCB	Completed			02/15/12		BQ/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	86000	ug/Kg	02/16/12		MH	3540C/8082
PCB-1221	ND	86000	ug/Kg	02/16/12		MH	3540C/8082
PCB-1232	ND	86000	ug/Kg	02/16/12		MH	3540C/8082
PCB-1242	ND	86000	ug/Kg	02/16/12		MH	3540C/8082
PCB-1248	ND	86000	ug/Kg	02/16/12		MH	3540C/8082
PCB-1254	540000	86000	ug/Kg	02/16/12		MH	3540C/8082
PCB-1260	ND	86000	ug/Kg	02/16/12		MH	3540C/8082
PCB-1262	ND	86000	ug/Kg	02/16/12		MH	3540C/8082
PCB-1268	ND	86000	ug/Kg	02/16/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	Diluted Out		%	02/16/12		MH	30 - 150 %
% TCMX	Diluted Out		%	02/16/12		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller

Phyllis Shiller, Laboratory Director
February 20, 2012

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

February 20, 2012

FOR: Attn: Ms. Brandy LeBlanc
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/14/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/15/12	14:03
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBB43756
Phoenix ID: BB43765

Project ID: 913 FARMINGTON AVE., BERLIN, CT
Client ID: 2-14-EE-10

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	02/15/12			E160.3
Caulk Extraction for PCB	Completed			02/15/12		BQ/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	780	ug/Kg	02/16/12		MH	3540C/8082
PCB-1221	ND	780	ug/Kg	02/16/12		MH	3540C/8082
PCB-1232	ND	780	ug/Kg	02/16/12		MH	3540C/8082
PCB-1242	ND	780	ug/Kg	02/16/12		MH	3540C/8082
PCB-1248	ND	780	ug/Kg	02/16/12		MH	3540C/8082
PCB-1254	ND	780	ug/Kg	02/16/12		MH	3540C/8082
PCB-1260	ND	780	ug/Kg	02/16/12		MH	3540C/8082
PCB-1262	ND	780	ug/Kg	02/16/12		MH	3540C/8082
PCB-1268	ND	780	ug/Kg	02/16/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	114		%	02/16/12		MH	30 - 150 %
% TCMX	102		%	02/16/12		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
February 20, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 20, 2012

FOR: Attn: Ms. Brandy LeBlanc
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/14/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/15/12	14:03
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBB43756
Phoenix ID: BB43766

Project ID: 913 FARMINGTON AVE., BERLIN, CT
Client ID: 2-14-EE-11

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	02/15/12			E160.3
Caulk Extraction for PCB	Completed			02/15/12		BQ/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	71000	ug/Kg	02/16/12		MH	3540C/8082
PCB-1221	ND	71000	ug/Kg	02/16/12		MH	3540C/8082
PCB-1232	ND	71000	ug/Kg	02/16/12		MH	3540C/8082
PCB-1242	ND	71000	ug/Kg	02/16/12		MH	3540C/8082
PCB-1248	ND	71000	ug/Kg	02/16/12		MH	3540C/8082
PCB-1254	510000	71000	ug/Kg	02/16/12		MH	3540C/8082
PCB-1260	ND	71000	ug/Kg	02/16/12		MH	3540C/8082
PCB-1262	ND	71000	ug/Kg	02/16/12		MH	3540C/8082
PCB-1268	ND	71000	ug/Kg	02/16/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	Diluted Out		%	02/16/12		MH	30 - 150 %
% TCMX	Diluted Out		%	02/16/12		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
February 20, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 20, 2012

FOR: Attn: Ms. Brandy LeBlanc
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/14/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/15/12	14:03
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBB43756
Phoenix ID: BB43767

Project ID: 913 FARMINGTON AVE., BERLIN, CT

Client ID: 2-14-EE-14

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	02/15/12			E160.3
Caulk Extraction for PCB	Completed			02/15/12		BQ/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	500	ug/Kg	02/16/12		MH	3540C/8082
PCB-1221	ND	500	ug/Kg	02/16/12		MH	3540C/8082
PCB-1232	ND	500	ug/Kg	02/16/12		MH	3540C/8082
PCB-1242	ND	500	ug/Kg	02/16/12		MH	3540C/8082
PCB-1248	ND	500	ug/Kg	02/16/12		MH	3540C/8082
PCB-1254	1500	500	ug/Kg	02/16/12		MH	3540C/8082
PCB-1260	ND	500	ug/Kg	02/16/12		MH	3540C/8082
PCB-1262	ND	500	ug/Kg	02/16/12		MH	3540C/8082
PCB-1268	ND	500	ug/Kg	02/16/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	84		%	02/16/12		MH	30 - 150 %
% TCMX	81		%	02/16/12		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
February 20, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH NELAC
NY # 11301

Analysis Report

February 20, 2012

FOR: Attn: Ms. Brandy LeBlanc
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/14/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/15/12	14:03
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBB43756
Phoenix ID: BB43768

Project ID: 913 FARMINGTON AVE., BERLIN, CT

Client ID: 2-14-EE-15

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	02/15/12			E160.3
Caulk Extraction for PCB	Completed			02/15/12		BQ/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	750	ug/Kg	02/16/12		MH	3540C/8082
PCB-1221	ND	750	ug/Kg	02/16/12		MH	3540C/8082
PCB-1232	ND	750	ug/Kg	02/16/12		MH	3540C/8082
PCB-1242	ND	750	ug/Kg	02/16/12		MH	3540C/8082
PCB-1248	ND	750	ug/Kg	02/16/12		MH	3540C/8082
PCB-1254	790	750	ug/Kg	02/16/12		MH	3540C/8082
PCB-1260	ND	750	ug/Kg	02/16/12		MH	3540C/8082
PCB-1262	ND	750	ug/Kg	02/16/12		MH	3540C/8082
PCB-1268	ND	750	ug/Kg	02/16/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	59		%	02/16/12		MH	30 - 150 %
% TCMX	48		%	02/16/12		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
February 20, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH NELAC NY # 11301

Analysis Report
February 20, 2012

FOR: Attn: Ms. Brandy LeBlanc
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/14/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/15/12	14:03
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBB43756
Phoenix ID: BB43769

Project ID: 913 FARMINGTON AVE., BERLIN, CT
Client ID: 2-14-EE-15A

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	02/15/12			E160.3
Caulk Extraction for PCB	Completed			02/15/12		BQ/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	580	ug/Kg	02/16/12		MH	3540C/8082
PCB-1221	ND	580	ug/Kg	02/16/12		MH	3540C/8082
PCB-1232	ND	580	ug/Kg	02/16/12		MH	3540C/8082
PCB-1242	ND	580	ug/Kg	02/16/12		MH	3540C/8082
PCB-1248	ND	580	ug/Kg	02/16/12		MH	3540C/8082
PCB-1254	1100	580	ug/Kg	02/16/12		MH	3540C/8082
PCB-1260	ND	580	ug/Kg	02/16/12		MH	3540C/8082
PCB-1262	ND	580	ug/Kg	02/16/12		MH	3540C/8082
PCB-1268	ND	580	ug/Kg	02/16/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	88		%	02/16/12		MH	30 - 150 %
% TCMX	84		%	02/16/12		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
February 20, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

December 15, 2010

QA/QC Data

SDG I.D.: GAZ85171

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD	
QA/QC Batch 167080, QC Sample No: AZ85259 (AZ85171, AZ85172, AZ85173, AZ85174)								
Polychlorinated Biphenyls								
PCB-1016	ND	98	99	1.0	113	116	2.6	
PCB-1221	ND							
PCB-1232	ND							
PCB-1242	ND							
PCB-1248	ND							
PCB-1254	ND							
PCB-1260	ND	99	98	1.0	132	126	4.7	
PCB-1262	ND							
PCB-1268	ND							
% DCBP (Surrogate Rec)	123	108	110	1.8	140	134	4.4	3
% TCMX (Surrogate Rec)	90	75	78	3.9	83	80	3.7	

3 = This parameter is outside laboratory ms/msd specified limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
December 15, 2010

PHOENIX

Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Data Delivery:
☐ Fax #:
☐ Email:

Customer: Eagle Env. Inc.
Address: 531 N. Main St.
Bristol, CT 06010

Project: Berlin, Town of 913 Farmington Ave.
Report to: 4.10
Invoice to:
Project P.O.: 10-247.12
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date 12-8-10

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=other
GW=groundwater SL=sludge A=air

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	EPA 8082
12-7-EE-01	White metal w.f.c. finis. sash	S	12-7-10	P.m.	X
12-7-EE-02	White old metal W.F.C.	S	12-7-10	P.m.	X
12-7-EE-03	Tan W.F.C @ wood	S	12-7-10	P.m.	X
12-7-EE-04	Grey win./Door frame caulk	S	12-7-10	P.m.	X

Container columns: Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H20; GL Soil container ( ) oz; GL Soil container ( ) oz; 40 ml VOA Vial [ ] As is [ ] HCl; GL Amber 1000ml [ ] As is [ ] H2SO4; PL As is [ ] 250ml [ ] 500ml [ ] 1000ml; PL H2SO4 [ ] 250ml [ ] 500ml; PL HNO3 250ml; PL NaOH 250ml; Bacteria Bottle

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	12-8-10	13[00]

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☒ 3 Days*
☐ Standard
☐ Other

* SURCHARGE APPLIES

CT/RI
☐ RCP Cert.
☐ GW Protect.
☐ GA Mobility
☐ GB Mobility
☐ SW Protect.
☐ Res. Vol.
☐ Ind. Vol.
☐ Res. Criteria
☐ Other

MA
☐ MCP Cert.
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ ASP-A
☐ NJ Reduced Deliv.*
☐ NJ Hazsite EDD
☐ Phoenix Std Report
☐ Other

State where samples were collected:

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

February 20, 2012

QA/QC Data

SDG I.D.: GBB43756

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 194466, QC Sample No: BB43655 (BB43756, BB43757, BB43758, BB43759, BB43760, BB43761, BB43762, BB43763, BB43764, BB43765, BB43766, BB43767, BB43768, BB43769, BB43770, BB43771, BB43772)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	96	100	4.1				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	79	99	22.5				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	71	82	82	0.0				30 - 150	30
% TCMX (Surrogate Rec)	95	81	83	2.4				30 - 150	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
February 20, 2012

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 6 Pg 1 of 3

Data Delivery:
☐ Fax #:
☒ Email: jterrill@eagleenviro.com

Customer: Eagle Environmental
Address: 53 N Main St
Bristol CT 06010

Project: 513 Farmington Ave Berlin CT
Report to: Brandy Le Blanc
Invoice to: "

Project P.O: 11-015.15
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 2-14-12

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Wasle Water
SE=Sediment SL=Sludge S=Soil/Solid W=Wipe O=Other

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request: SW846-8081, 2540C	Soil VOA Vials [ ]methanol [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ]As is [ ]HCl	GL Amber 1000ml [ ]As is [ ]H2SO4	PL As is [ ]250ml [ ]500ml [ ]1000ml	PL H2SO4 [ ]250ml [ ]500ml [ ]1500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
43756	2-14-EE-01	S	2-14-12	AM	✓										
43757	2-14-EE-02	S	2-14-12	AM	✓										
43758	2-14-EE-03 (white glaze on steel interior sash)	S	2-14-12	AM	✓										
43759	2-14-EE-04	S	2-14-12	AM	✓										
43760	2-14-EE-05	S	2-14-12	AM	✓										
43761	2-14-EE-05A (white caulk on ext metal windows and louvers)	S	2-14-12	AM	✓										

Relinquished by:	Accepted by:	Date:	Time:
[signature]		2-15-12	13:00
	[signature]	2/15/12	14:03

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☒ 3 Days*
☐ Standard
☐ Other
* SURCHARGE APPLIES

RI
☐ Direct Exposure (Residential)
☐ GW
☐ Other

CT
☐ RCP Cert
☐ GW Protection
☐ SW Protection
☐ GA Mobility
☐ GB Mobility
☐ Residential DEC
☐ I/C DEC
☐ Other

MA
☐ MCP Certification
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

State where samples were collected: CT

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ Tier II Checklist
☐ Full Data Package*
☐ Phoenix Std Report
☐ Other

* SURCHARGE APPLIES

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 6 Pg 2 of 3

Data Delivery:
- [ ] Fax #:
- [ ] Email:

Customer: Eagle Environmental
Address:

Project:
Report to:
Invoice to:

Project P.O:
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: Josh Tenill Date: 2-14-12

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
SE=Sediment SL=Sludge S=Soil/Solid W=Wipe O=Other

Analysis Request: SW846-8082, 3540C

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
437602	2-14-EE-07	S	2-14-12	AM	✓									
437603	2-14-EE-08	S	2-14-12	AM	✓									
	(tan ext caulk on wood windows)													
437604	2-14-EE-09	S	2-14-12	AM	✓									
437605	2-14-EE-10	S	2-14-12	AM	✓									
437606	2-14-EE-11	S	2-14-12	AM	✓									
	(grey ext caulk on wood windows)													

Relinquished by:	Accepted by:	Date:	Time:
Josh Tenill		2-15-12	13:00
		2/15/12	14:04

Comments, Special Requirements or Regulations:

Turnaround:
- [ ] 1 Day*
- [ ] 2 Days*
- [ ] 3 Days*
- [ ] Standard
- [ ] Other

* SURCHARGE APPLIES

RI
- [ ] Direct Exposure (Residential)
- [ ] GW
- [ ] Other

CT
- [ ] RCP Cert
- [ ] GW Protection
- [ ] SW Protection
- [ ] GA Mobility
- [ ] GB Mobility
- [ ] Residential DEC
- [ ] I/C DEC
- [ ] Other

MA
- [ ] MCP Certification
- [ ] GW-1
- [ ] GW-2
- [ ] GW-3
- [ ] S-1
- [ ] S-2
- [ ] S-3
- [ ] MWRA eSMART
- [ ] Other

State where samples were collected:

Data Format
- [ ] Excel
- [ ] PDF
- [ ] GIS/Key
- [ ] EQuIS
- [ ] Other

Data Package
- [ ] Tier II Checklist
- [ ] Full Data Package*
- [ ] Phoenix Std Report
- [ ] Other

* SURCHARGE APPLIES

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 6 Pg 3 of 3

Data Delivery:
☐ Fax #:
☐ Email:

Customer: Eagle Environmental
Address:
Project:
Report to:
Invoice to:
Project P.O:
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 2-14-12

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
SE=Sediment SL=Sludge S=Soil/Solid W=Wipe O=Other

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request: SW846-8082, 3540C
43767	2-14-EE-14	S	2-14-12	AM	✓
43768	2-14-EE-15	S	2-14-12	AM	✓
43769	2-14-EE-15A	S	2-14-12	AM	✓
	(white caulk on int. metal doors)				
43770	2-14-EE-16	S	2-14-12	AM	✓
43771	2-14-EE-17	S	2-14-12	AM	✓
43772	2-14-EE-18	S	2-14-12	AM	✓
	(Soil-ext)				

Soil VOA Vials [ ] methanol [ ] H2O
GL Soil container ( ) oz
GL Soil container ( ) oz
40 ml VOA Vial [ ] As is [ ] HCl
GL Amber 1000ml [ ] As is [ ] H2SO4
PL As is [ ] 250ml [ ] 500ml [ ] 1000ml
PL H2SO4 [ ] 250ml [ ] 500ml
PL HNO3 250ml
PL NaOH 250ml
Bacteria Bottle

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	2-15-12	13:00
		2/15/12	4:05

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ Standard
☐ Other
* SURCHARGE APPLIES

RI
☐ Direct Exposure (Residential)
☐ GW
☐ Other

CT
☐ RCP Cert
☐ GW Protection
☐ SW Protection
☐ GA Mobility
☐ GB Mobility
☐ Residential DEC
☐ I/C DEC
☐ Other

MA
☐ MCP Certification
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

State where samples were collected: _____

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ Tier II Checklist
☐ Full Data Package*
☐ Phoenix Std Report
☐ Other

* SURCHARGE APPLIES

APPENDIX B

TABLE II: CORE SAMPLING OF EXTERIOR SUBSTRATES - RESULT SUMMARY, LABORATORY RESULTS AND CHAIN OF CUSTODY

TABLE II
PCB CONTAINING MATERIALS
SUBSTRATE SUMMARY TABLE
913 FARMINGTON AVENUE
KENSINGTON, CONNECTICUT

(1960) SUBSTRATE								
SAMPLE DATE	SAMPLE #	SUBSTRATE LOCATION	SAMPLE TYPE	SAMPLE DESCRIPTION	RESULTS IN PPM			
					COURSE 1	COURSE 2	COURSE 3	COURSE 4
2-14-12	2-14-01-IC2	Adjacent to interior metal door frames	F	Interior CMU by white door caulk		ND		
2-14-12	2-14-02-IC2					ND		
2-14-12	2-14-03-IC2					ND		
2-14-12	2-14-04-IM2	Adjacent to interior metal door frames	F	Interior mortar by white door caulk		ND		
2-14-12	2-14-05-IM2					ND		
2-14-12	2-14-06-IM2					ND		
2-14-12	2-14-10-ECC2	Adjacent to exterior wooden window frames	E	Concrete by gray window caulk on wood windows		ND		
2-14-12	2-14-11-ECC2					ND		
2-14-12	2-14-12-ECC2					ND		
4-25-2011	4-25-PCB-05 EBS	Adjacent to exterior wooden window frames	E	Exterior brick by grey wood window caulk	ND			
2-14-12	2-14-13-EBS			Exterior brick by grey wood window caulk	ND			
2-14-12	2-14-14-EBS			Exterior brick by grey wood window caulk	ND			
4-25-2011	4-25-PCB-06 EMS			Exterior mortar by grey wood window caulk	ND			
2-14-12	2-14-15-EMS			Exterior mortar by grey wood window caulk	ND			
2-14-12	2-14-16-EMS			Exterior mortar by grey wood window caulk	ND			
4-25-2011	4-25-PCB-01 EBS	Adjacent to exterior metal door frames	D	Exterior brick by gray metal door frame caulk	1.10			
4-25-2011	4-25-PCB-04 EB2			Exterior brick by gray metal door frame caulk		ND		
2-14-12	2-14-17-IB2			Exterior brick by gray metal door frame caulk	15			
2-14-12	2-14-18-EB2			Exterior brick by gray metal door frame caulk		ND		
4-25-2011	4-25-PCB-02 EM2			Exterior mortar by gray metal door frame caulk		ND		
4-25-2011	4-25-PCB-05 EM2			Exterior mortar by gray metal door frame caulk		ND		
2-14-12	2-14-19-IM2			Exterior mortar by gray metal door frame caulk		ND		
2-14-12	2-14-20-EM2			Exterior mortar by gray metal door frame caulk		ND		
2-14-12	2-14-21-EB2	Adjacent to exterior metal window frames, louvers, wooden door frame	B	Exterior brick by metal window frame		ND		
2-14-12	2-14-22-EB2			Exterior brick by louver		ND		
2-14-12	2-14-23-EM2			Exterior mortar by metal window frame		ND		
2-14-12	2-14-24-EM2			Exterior mortar by louver		ND		
4-25-2011	4-25-PCB-09 EBS			Exterior brick by metal window frame	ND			
4-25-2011	4-25-PCB-10 EMS			Exterior mortar by metal window frame	1.8	ND		
4-25-2011	4-25-PCB-12 EM2							

KEY	ANALYTICAL METHOD
ND = NON DETECTED	SW 846-8082 / 3540C
1st Course = 0"- 0.5" Inches from Source	
2nd Course = 4" - 4.5" from Source	

*Bolded sample numbers indicates presence of PCB in excess of 1PPM

PHOENIX
Environmental Laboratories, Inc.

Thursday, May 05, 2011

Attn: Mr. Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Project ID: TOWN OF BERLIN, 913 FARMINGTON AVE
Sample ID#s: BA27108 - BA27110

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX
Environmental Laboratories, Inc.

Thursday, April 28, 2011

Attn: Mr. Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Project ID: TOWN OF BERLIN, 913 FARMINGTON AVE
Sample ID#s: BA23802 - BA23807

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX
Environmental Laboratories, Inc.

Thursday, February 23, 2012

Attn: Brandy LeBlanc
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Project ID: 913 FARMINGTON AVE BERLIN CT
Sample ID#s: BB45521 - BB45527

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX
Environmental Laboratories, Inc.

Friday, February 17, 2012

Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Project ID: 913 FARMINGTON AVE BERLIN CT
Sample ID#s: BB43742 - BB43755

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

February 17, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/14/12	0:00
Location Code:	EAGLEENV	Received by:	SW	02/15/12	14:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBB43742
Phoenix ID: BB43742

Project ID: 913 FARMINGTON AVE BERLIN CT

Client ID: 2-14-01-IC 2

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/15/12		BQ/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	410	ug/Kg	02/16/12		MH	3540C/8082
PCB-1221	ND	410	ug/Kg	02/16/12		MH	3540C/8082
PCB-1232	ND	410	ug/Kg	02/16/12		MH	3540C/8082
PCB-1242	ND	410	ug/Kg	02/16/12		MH	3540C/8082
PCB-1248	ND	410	ug/Kg	02/16/12		MH	3540C/8082
PCB-1254	ND	410	ug/Kg	02/16/12		MH	3540C/8082
PCB-1260	ND	410	ug/Kg	02/16/12		MH	3540C/8082
PCB-1262	ND	410	ug/Kg	02/16/12		MH	3540C/8082
PCB-1268	ND	410	ug/Kg	02/16/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	99		%	02/16/12		MH	30 - 150 %
% TCMX	94		%	02/16/12		MH	30 - 150 %

Project ID: 913 FARMINGTON AVE BERLIN CT
Client ID: 2-14-01-IC 2

Phoenix I.D.: BB43742

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

%SOLIDS ASSUMED 100%

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
February 17, 2012

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 17, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/14/12	0:00
Location Code:	EAGLEENV	Received by:	SW	02/15/12	14:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBB43742
Phoenix ID: BB43743

Project ID: 913 FARMINGTON AVE BERLIN CT
Client ID: 2-14-02-IC 2

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/15/12		BQ/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	380	ug/Kg	02/16/12		MH	3540C/8082
PCB-1221	ND	380	ug/Kg	02/16/12		MH	3540C/8082
PCB-1232	ND	380	ug/Kg	02/16/12		MH	3540C/8082
PCB-1242	ND	380	ug/Kg	02/16/12		MH	3540C/8082
PCB-1248	ND	380	ug/Kg	02/16/12		MH	3540C/8082
PCB-1254	ND	380	ug/Kg	02/16/12		MH	3540C/8082
PCB-1260	ND	380	ug/Kg	02/16/12		MH	3540C/8082
PCB-1262	ND	380	ug/Kg	02/16/12		MH	3540C/8082
PCB-1268	ND	380	ug/Kg	02/16/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	91		%	02/16/12		MH	30 - 150 %
% TCMX	85		%	02/16/12		MH	30 - 150 %

Project ID: 913 FARMINGTON AVE BERLIN CT
Client ID: 2-14-02-IC 2

Phoenix I.D.: BB43743

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

%SOLIDS ASSUMED 100%

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
February 17, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

February 17, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/14/12	0:00
Location Code:	EAGLEENV	Received by:	SW	02/15/12	14:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBB43742
Phoenix ID: BB43744

Project ID: 913 FARMINGTON AVE BERLIN CT
Client ID: 2-14-03-IC 2 INT CMU BY WHITE DR CAULK

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/15/12		BQ/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	460	ug/Kg	02/16/12		MH	3540C/8082
PCB-1221	ND	460	ug/Kg	02/16/12		MH	3540C/8082
PCB-1232	ND	460	ug/Kg	02/16/12		MH	3540C/8082
PCB-1242	ND	460	ug/Kg	02/16/12		MH	3540C/8082
PCB-1248	ND	460	ug/Kg	02/16/12		MH	3540C/8082
PCB-1254	ND	460	ug/Kg	02/16/12		MH	3540C/8082
PCB-1260	ND	460	ug/Kg	02/16/12		MH	3540C/8082
PCB-1262	ND	460	ug/Kg	02/16/12		MH	3540C/8082
PCB-1268	ND	460	ug/Kg	02/16/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	96		%	02/16/12		MH	30 - 150 %
% TCMX	90		%	02/16/12		MH	30 - 150 %

Project ID: 913 FARMINGTON AVE BERLIN CT
Client ID: 2-14-03-IC 2 INT CMU BY WHITE DR CAULK

Phoenix I.D.: BB43744

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

%SOLIDS ASSUMED 100%

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
February 17, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH NELAC
NY # 11301

Analysis Report

February 17, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/14/12	0:00
Location Code:	EAGLEENV	Received by:	SW	02/15/12	14:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBB43742
Phoenix ID: BB43745

Project ID: 913 FARMINGTON AVE BERLIN CT
Client ID: 2-14-04-IM2

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/15/12		BQ/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	330	ug/Kg	02/16/12		MH	3540C/8082
PCB-1221	ND	330	ug/Kg	02/16/12		MH	3540C/8082
PCB-1232	ND	330	ug/Kg	02/16/12		MH	3540C/8082
PCB-1242	ND	330	ug/Kg	02/16/12		MH	3540C/8082
PCB-1248	ND	330	ug/Kg	02/16/12		MH	3540C/8082
PCB-1254	ND	330	ug/Kg	02/16/12		MH	3540C/8082
PCB-1260	ND	330	ug/Kg	02/16/12		MH	3540C/8082
PCB-1262	ND	330	ug/Kg	02/16/12		MH	3540C/8082
PCB-1268	ND	330	ug/Kg	02/16/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	93		%	02/16/12		MH	30 - 150 %
% TCMX	88		%	02/16/12		MH	30 - 150 %

Project ID: 913 FARMINGTON AVE BERLIN CT
Client ID: 2-14-04-IM2

Phoenix I.D.: BB43745

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

%SOLIDS ASSUMED 100%

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
February 17, 2012

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 17, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/14/12	0:00
Location Code:	EAGLEENV	Received by:	SW	02/15/12	14:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBB43742
Phoenix ID: BB43746

Project ID: 913 FARMINGTON AVE BERLIN CT
Client ID: 2-14-05-IM2

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/15/12		BQ/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	320	ug/Kg	02/16/12		MH	3540C/8082
PCB-1221	ND	320	ug/Kg	02/16/12		MH	3540C/8082
PCB-1232	ND	320	ug/Kg	02/16/12		MH	3540C/8082
PCB-1242	ND	320	ug/Kg	02/16/12		MH	3540C/8082
PCB-1248	ND	320	ug/Kg	02/16/12		MH	3540C/8082
PCB-1254	ND	320	ug/Kg	02/16/12		MH	3540C/8082
PCB-1260	ND	320	ug/Kg	02/16/12		MH	3540C/8082
PCB-1262	ND	320	ug/Kg	02/16/12		MH	3540C/8082
PCB-1268	ND	320	ug/Kg	02/16/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	100		%	02/16/12		MH	30 - 150 %
% TCMX	90		%	02/16/12		MH	30 - 150 %

Project ID: 913 FARMINGTON AVE BERLIN CT
Client ID: 2-14-05-IM2

Phoenix I.D.: BB43746

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

%SOLIDS ASSUMED 100%

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
February 17, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 17, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/14/12	0:00
Location Code:	EAGLEENV	Received by:	SW	02/15/12	14:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBB43742
Phoenix ID: BB43747

Project ID: 913 FARMINGTON AVE BERLIN CT
Client ID: 2-14-06-IM2 INT MORTAR BY WHITE DR CAULK

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/15/12		BQ/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	330	ug/Kg	02/16/12		MH	3540C/8082
PCB-1221	ND	330	ug/Kg	02/16/12		MH	3540C/8082
PCB-1232	ND	330	ug/Kg	02/16/12		MH	3540C/8082
PCB-1242	ND	330	ug/Kg	02/16/12		MH	3540C/8082
PCB-1248	ND	330	ug/Kg	02/16/12		MH	3540C/8082
PCB-1254	ND	330	ug/Kg	02/16/12		MH	3540C/8082
PCB-1260	ND	330	ug/Kg	02/16/12		MH	3540C/8082
PCB-1262	ND	330	ug/Kg	02/16/12		MH	3540C/8082
PCB-1268	ND	330	ug/Kg	02/16/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	98		%	02/16/12		MH	30 - 150 %
% TCMX	92		%	02/16/12		MH	30 - 150 %

Project ID: 913 FARMINGTON AVE BERLIN CT
Client ID: 2-14-06-IM2 INT MORTAR BY WHITE DR CAULK

Phoenix I.D.: BB43747

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

%SOLIDS ASSUMED 100%

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
February 17, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 23, 2012

FOR: Attn: Brandy LeBlanc
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/14/12	0:00
Location Code:	EAGLEENV	Received by:	SW	02/21/12	13:59
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBB45521
Phoenix ID: BB45521

Project ID: 913 FARMINGTON AVE BERLIN CT
Client ID: 2-14-10-ECC-2

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/21/12		BB/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	860	ug/Kg	02/22/12		MH	3540C/8082
PCB-1221	ND	860	ug/Kg	02/22/12		MH	3540C/8082
PCB-1232	ND	860	ug/Kg	02/22/12		MH	3540C/8082
PCB-1242	ND	860	ug/Kg	02/22/12		MH	3540C/8082
PCB-1248	ND	860	ug/Kg	02/22/12		MH	3540C/8082
PCB-1254	ND	860	ug/Kg	02/22/12		MH	3540C/8082
PCB-1260	ND	860	ug/Kg	02/22/12		MH	3540C/8082
PCB-1262	ND	860	ug/Kg	02/22/12		MH	3540C/8082
PCB-1268	ND	860	ug/Kg	02/22/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	66		%	02/22/12		MH	30 - 150 %
% TCMX	78		%	02/22/12		MH	30 - 150 %

Project ID: 913 FARMINGTON AVE BERLIN CT
Client ID: 2-14-10-ECC-2

Phoenix I.D.: BB45521

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

%Solids assumed 100%

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
February 23, 2012

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

February 23, 2012

FOR: Attn: Brandy LeBlanc
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/14/12	0:00
Location Code:	EAGLEENV	Received by:	SW	02/21/12	13:59
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBB45521
Phoenix ID: BB45522

Project ID: 913 FARMINGTON AVE BERLIN CT
Client ID: 2-14-11-ECC-2

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/21/12		BB/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	880	ug/Kg	02/22/12		MH	3540C/8082
PCB-1221	ND	880	ug/Kg	02/22/12		MH	3540C/8082
PCB-1232	ND	880	ug/Kg	02/22/12		MH	3540C/8082
PCB-1242	ND	880	ug/Kg	02/22/12		MH	3540C/8082
PCB-1248	ND	880	ug/Kg	02/22/12		MH	3540C/8082
PCB-1254	ND	880	ug/Kg	02/22/12		MH	3540C/8082
PCB-1260	ND	880	ug/Kg	02/22/12		MH	3540C/8082
PCB-1262	ND	880	ug/Kg	02/22/12		MH	3540C/8082
PCB-1268	ND	880	ug/Kg	02/22/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	68		%	02/22/12		MH	30 - 150 %
% TCMX	78		%	02/22/12		MH	30 - 150 %

Project ID: 913 FARMINGTON AVE BERLIN CT
Client ID: 2-14-11-ECC-2

Phoenix I.D.: BB45522

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

%Solids assumed 100%

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
February 23, 2012

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Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 23, 2012

FOR: Attn: Brandy LeBlanc
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/14/12	0:00
Location Code:	EAGLEENV	Received by:	SW	02/21/12	13:59
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBB45521
Phoenix ID: BB45523

Project ID: 913 FARMINGTON AVE BERLIN CT

Client ID: 2-14-12-ECC-2

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/21/12		BB/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	450	ug/Kg	02/22/12		MH	3540C/8082
PCB-1221	ND	450	ug/Kg	02/22/12		MH	3540C/8082
PCB-1232	ND	450	ug/Kg	02/22/12		MH	3540C/8082
PCB-1242	ND	450	ug/Kg	02/22/12		MH	3540C/8082
PCB-1248	ND	450	ug/Kg	02/22/12		MH	3540C/8082
PCB-1254	ND	450	ug/Kg	02/22/12		MH	3540C/8082
PCB-1260	ND	450	ug/Kg	02/22/12		MH	3540C/8082
PCB-1262	ND	450	ug/Kg	02/22/12		MH	3540C/8082
PCB-1268	ND	450	ug/Kg	02/22/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	69		%	02/22/12		MH	30 - 150 %
% TCMX	78		%	02/22/12		MH	30 - 150 %

Project ID: 913 FARMINGTON AVE BERLIN CT
Client ID: 2-14-12-ECC-2

Phoenix I.D.: BB45523

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

%Solids assumed 100%

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
February 23, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

April 28, 2011

FOR: Attn: Mr. Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		04/25/11	0:00
Location Code:	EAGLEENV	Received by:	LDF	04/25/11	14:21
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBA23802
Phoenix ID: BA23804

Project ID: TOWN OF BERLIN, 913 FARMINGTON AVE
Client ID: 4-25-PCB-05 EBS

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/26/11		JL	E160.3
Soil Extraction for PCB	Completed			04/25/11		*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	600	ug/Kg	04/26/11		MH	3540C/8082
PCB-1221	ND	600	ug/Kg	04/26/11		MH	3540C/8082
PCB-1232	ND	600	ug/Kg	04/26/11		MH	3540C/8082
PCB-1242	ND	600	ug/Kg	04/26/11		MH	3540C/8082
PCB-1248	ND	600	ug/Kg	04/26/11		MH	3540C/8082
PCB-1254	ND	600	ug/Kg	04/26/11		MH	3540C/8082
PCB-1260	ND	600	ug/Kg	04/26/11		MH	3540C/8082
PCB-1262	ND	600	ug/Kg	04/26/11		MH	3540C/8082
PCB-1268	ND	600	ug/Kg	04/26/11		MH	3540C/8082
QA/QC Surrogates							
% DCBP	77		%	04/26/11		MH	3540C/8082
% TCMX	51		%	04/26/11		MH	3540C/8082

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
April 29, 2011

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report
February 23, 2012

FOR: Attn: Brandy LeBlanc
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/14/12	0:00
Location Code:	EAGLEENV	Received by:	SW	02/21/12	13:59
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBB45521
Phoenix ID: BB45524

Project ID: 913 FARMINGTON AVE BERLIN CT
Client ID: 2-14-13-EBS

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/21/12		BB/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	620	ug/Kg	02/22/12		MH	3540C/8082
PCB-1221	ND	620	ug/Kg	02/22/12		MH	3540C/8082
PCB-1232	ND	620	ug/Kg	02/22/12		MH	3540C/8082
PCB-1242	ND	620	ug/Kg	02/22/12		MH	3540C/8082
PCB-1248	ND	620	ug/Kg	02/22/12		MH	3540C/8082
PCB-1254	ND	620	ug/Kg	02/22/12		MH	3540C/8082
PCB-1260	ND	620	ug/Kg	02/22/12		MH	3540C/8082
PCB-1262	ND	620	ug/Kg	02/22/12		MH	3540C/8082
PCB-1268	ND	620	ug/Kg	02/22/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	62		%	02/22/12		MH	30 - 150 %
% TCMX	68		%	02/22/12		MH	30 - 150 %

Project ID: 913 FARMINGTON AVE BERLIN CT
Client ID: 2-14-13-EBS

Phoenix I.D.: BB45524

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

%Solids assumed 100%

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
February 23, 2012

PHOENIX

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 23, 2012

FOR: Attn: Brandy LeBlanc
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/14/12	0:00
Location Code:	EAGLEENV	Received by:	SW	02/21/12	13:59
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBB45521
Phoenix ID: BB45525

Project ID: 913 FARMINGTON AVE BERLIN CT
Client ID: 2-14-14-EBS

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/21/12		BB/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	830	ug/Kg	02/22/12		MH	3540C/8082
PCB-1221	ND	830	ug/Kg	02/22/12		MH	3540C/8082
PCB-1232	ND	830	ug/Kg	02/22/12		MH	3540C/8082
PCB-1242	ND	830	ug/Kg	02/22/12		MH	3540C/8082
PCB-1248	ND	830	ug/Kg	02/22/12		MH	3540C/8082
PCB-1254	ND	830	ug/Kg	02/22/12		MH	3540C/8082
PCB-1260	ND	830	ug/Kg	02/22/12		MH	3540C/8082
PCB-1262	ND	830	ug/Kg	02/22/12		MH	3540C/8082
PCB-1268	ND	830	ug/Kg	02/22/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	68		%	02/22/12		MH	30 - 150 %
% TCMX	82		%	02/22/12		MH	30 - 150 %

Project ID: 913 FARMINGTON AVE BERLIN CT
Client ID: 2-14-14-EBS

Phoenix I.D.: BB45525

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

%Solids assumed 100%

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
February 23, 2012

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report
April 28, 2011

FOR: Attn: Mr. Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		04/25/11	0:00
Location Code:	EAGLEENV	Received by:	LDF	04/25/11	14:21
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBA23802
Phoenix ID: BA23805

Project ID: TOWN OF BERLIN, 913 FARMINGTON AVE
Client ID: 4-25-PCB-06 EMS

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/26/11		JL	E160.3
Soil Extraction for PCB	Completed			04/25/11		*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	500	ug/Kg	04/26/11		MH	3540C/8082
PCB-1221	ND	500	ug/Kg	04/26/11		MH	3540C/8082
PCB-1232	ND	500	ug/Kg	04/26/11		MH	3540C/8082
PCB-1242	ND	500	ug/Kg	04/26/11		MH	3540C/8082
PCB-1248	ND	500	ug/Kg	04/26/11		MH	3540C/8082
PCB-1254	ND	500	ug/Kg	04/26/11		MH	3540C/8082
PCB-1260	ND	500	ug/Kg	04/26/11		MH	3540C/8082
PCB-1262	ND	500	ug/Kg	04/26/11		MH	3540C/8082
PCB-1268	ND	500	ug/Kg	04/26/11		MH	3540C/8082
QA/QC Surrogates							
% DCBP	50		%	04/26/11		MH	3540C/8082
% TCMX	33		%	04/26/11		MH	3540C/8082

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
April 29, 2011

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

April 28, 2011

FOR: Attn: Mr. Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		04/25/11	0:00
Location Code:	EAGLEENV	Received by:	LDF	04/25/11	14:21
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBA23802
Phoenix ID: BA23802

Project ID: TOWN OF BERLIN, 913 FARMINGTON AVE

Client ID: 4-25-PCB-01 EBS

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/26/11		JL	E160.3
Soil Extraction for PCB	Completed			04/25/11		*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	630	ug/Kg	04/26/11		MH	3540C/8082
PCB-1221	ND	630	ug/Kg	04/26/11		MH	3540C/8082
PCB-1232	ND	630	ug/Kg	04/26/11		MH	3540C/8082
PCB-1242	ND	630	ug/Kg	04/26/11		MH	3540C/8082
PCB-1248	*	630	ug/Kg	04/26/11		MH	3540C/8082
PCB-1254	ND	630	ug/Kg	04/26/11		MH	3540C/8082
PCB-1260	ND	630	ug/Kg	04/26/11		MH	3540C/8082
PCB-1262	ND	630	ug/Kg	04/26/11		MH	3540C/8082
PCB-1268	ND	630	ug/Kg	04/26/11		MH	3540C/8082
Total PCBs	1100	630	ug/Kg	04/26/11		MH	3540C/8082
QA/QC Surrogates							
% DCBP	81		%	04/26/11		MH	3540C/8082
% TCMX	67		%	04/26/11		MH	3540C/8082

Project ID: TOWN OF BERLIN, 913 FARMINGTON AVE
Client ID: 4-25-PCB-01 EBS

Phoenix I.D.: BA23802

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

* For PCBs, as per section 11.9.3, when weathering of PCBs is present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles aroclor 1248.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
April 29, 2011

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

May 05, 2011

FOR: Attn: Mr. Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		04/25/11	0:00
Location Code:	EAGLEENV	Received by:	LDF	05/03/11	13:40
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBA27108
Phoenix ID: BA27108

Project ID: TOWN OF BERLIN, 913 FARMINGTON AVE

Client ID: 4-25-PCB-04-EB2

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	05/04/11		JL	E160.3
Extraction for PCB	Completed			05/03/11		TB/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	760	ug/Kg	05/04/11		MH	3540C/8082
PCB-1221	ND	760	ug/Kg	05/04/11		MH	3540C/8082
PCB-1232	ND	760	ug/Kg	05/04/11		MH	3540C/8082
PCB-1242	ND	760	ug/Kg	05/04/11		MH	3540C/8082
PCB-1248	ND	760	ug/Kg	05/04/11		MH	3540C/8082
PCB-1254	ND	760	ug/Kg	05/04/11		MH	3540C/8082
PCB-1260	ND	760	ug/Kg	05/04/11		MH	3540C/8082
PCB-1262	ND	760	ug/Kg	05/04/11		MH	3540C/8082
PCB-1268	ND	760	ug/Kg	05/04/11		MH	3540C/8082
QA/QC Surrogates							
% DCBP	113		%	05/04/11		MH	3540C/8082
% TCMX	80		%	05/04/11		MH	3540C/8082

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
May 06, 2011

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 17, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/14/12	0:00
Location Code:	EAGLEENV	Received by:	SW	02/15/12	14:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBB43742
Phoenix ID: BB43748

Project ID: 913 FARMINGTON AVE BERLIN CT

Client ID: 2-14-17-IB2 2ND COURS INT BRICK BY GREY DR

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/15/12		BQ/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	460	ug/Kg	02/16/12		MH	3540C/8082
PCB-1221	ND	460	ug/Kg	02/16/12		MH	3540C/8082
PCB-1232	ND	460	ug/Kg	02/16/12		MH	3540C/8082
PCB-1242	ND	460	ug/Kg	02/16/12		MH	3540C/8082
PCB-1248	ND	460	ug/Kg	02/16/12		MH	3540C/8082
PCB-1254	ND	460	ug/Kg	02/16/12		MH	3540C/8082
PCB-1260	ND	460	ug/Kg	02/16/12		MH	3540C/8082
PCB-1262	ND	460	ug/Kg	02/16/12		MH	3540C/8082
PCB-1268	ND	460	ug/Kg	02/16/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	97		%	02/16/12		MH	30 - 150 %
% TCMX	80		%	02/16/12		MH	30 - 150 %

Project ID: 913 FARMINGTON AVE BERLIN CT
Client ID: 2-14-17-IB2 2ND COURS INT BRICK BY GREY DR

Phoenix I.D.: BB43748

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

%SOLIDS ASSUMED 100%

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
February 17, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 17, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/14/12	0:00
Location Code:	EAGLEENV	Received by:	SW	02/15/12	14:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBB43742
Phoenix ID: BB43749

Project ID: 913 FARMINGTON AVE BERLIN CT

Client ID: 2-14-18-EB2 2ND COURSE EXT BRICK BY GREY DR CAULK

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/15/12		BQ/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	980	ug/Kg	02/16/12		MH	3540C/8082
PCB-1221	ND	980	ug/Kg	02/16/12		MH	3540C/8082
PCB-1232	ND	980	ug/Kg	02/16/12		MH	3540C/8082
PCB-1242	ND	980	ug/Kg	02/16/12		MH	3540C/8082
PCB-1248	ND	980	ug/Kg	02/16/12		MH	3540C/8082
PCB-1254	ND	980	ug/Kg	02/16/12		MH	3540C/8082
PCB-1260	ND	980	ug/Kg	02/16/12		MH	3540C/8082
PCB-1262	ND	980	ug/Kg	02/16/12		MH	3540C/8082
PCB-1268	ND	980	ug/Kg	02/16/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	96		%	02/16/12		MH	30 - 150 %
% TCMX	80		%	02/16/12		MH	30 - 150 %

Project ID: 913 FARMINGTON AVE BERLIN CT
Phoenix I.D.: BB43749
Client ID: 2-14-18-EB2 2ND COURSE EXT BRICK BY GREY DR CAULK

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

%SOLIDS ASSUMED 100%

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
February 17, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report
April 28, 2011

FOR: Attn: Mr. Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		04/25/11	0:00
Location Code:	EAGLEENV	Received by:	LDF	04/25/11	14:21
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBA23802
Phoenix ID: BA23803

Project ID: TOWN OF BERLIN, 913 FARMINGTON AVE

Client ID: 4-25-PCB-02 EMS

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/26/11		JL	E160.3
Soil Extraction for PCB	Completed			04/25/11		*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	3600	ug/Kg	04/27/11		MH	3540C/8082
PCB-1221	ND	3600	ug/Kg	04/27/11		MH	3540C/8082
PCB-1232	ND	3600	ug/Kg	04/27/11		MH	3540C/8082
PCB-1242	ND	3600	ug/Kg	04/27/11		MH	3540C/8082
PCB-1248	15000	3600	ug/Kg	04/27/11		MH	3540C/8082
PCB-1254	ND	3600	ug/Kg	04/27/11		MH	3540C/8082
PCB-1260	ND	3600	ug/Kg	04/27/11		MH	3540C/8082
PCB-1262	ND	3600	ug/Kg	04/27/11		MH	3540C/8082
PCB-1268	ND	3600	ug/Kg	04/27/11		MH	3540C/8082
QA/QC Surrogates							
% DCBP	121		%	04/27/11		MH	3540C/8082
% TCMX	136		%	04/27/11		MH	3540C/8082

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
April 29, 2011

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NELAC ACCREDITED IN ACCORDANCE WITH
NY # 11301

Analysis Report

May 05, 2011

FOR: Attn: Mr. Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		04/25/11	0:00
Location Code:	EAGLEENV	Received by:	LDF	05/03/11	13:40
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBA27108
Phoenix ID: BA27109

Project ID: TOWN OF BERLIN, 913 FARMINGTON AVE

Client ID: 4-25-PCB-05-EM2

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	05/04/11		JL	E160.3
Extraction for PCB	Completed			05/03/11		TB/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	900	ug/Kg	05/04/11		MH	3540C/8082
PCB-1221	ND	900	ug/Kg	05/04/11		MH	3540C/8082
PCB-1232	ND	900	ug/Kg	05/04/11		MH	3540C/8082
PCB-1242	ND	900	ug/Kg	05/04/11		MH	3540C/8082
PCB-1248	ND	900	ug/Kg	05/04/11		MH	3540C/8082
PCB-1254	ND	900	ug/Kg	05/04/11		MH	3540C/8082
PCB-1260	ND	900	ug/Kg	05/04/11		MH	3540C/8082
PCB-1262	ND	900	ug/Kg	05/04/11		MH	3540C/8082
PCB-1268	ND	900	ug/Kg	05/04/11		MH	3540C/8082
QA/QC Surrogates							
% DCBP	117		%	05/04/11		MH	3540C/8082
% TCMX	85		%	05/04/11		MH	3540C/8082

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
May 06, 2011

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NELAC ACCREDITED IN ACCORDANCE WITH NY # 11301

Analysis Report

February 17, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/14/12	0:00
Location Code:	EAGLEENV	Received by:	SW	02/15/12	14:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBB43742
Phoenix ID: BB43750

Project ID: 913 FARMINGTON AVE BERLIN CT

Client ID: 2-14-19-IM2 2ND COURSE INT MORTAR BY GREY DR CAULK

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/15/12		BQ/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	690	ug/Kg	02/16/12		MH	3540C/8082
PCB-1221	ND	690	ug/Kg	02/16/12		MH	3540C/8082
PCB-1232	ND	690	ug/Kg	02/16/12		MH	3540C/8082
PCB-1242	ND	690	ug/Kg	02/16/12		MH	3540C/8082
PCB-1248	ND	690	ug/Kg	02/16/12		MH	3540C/8082
PCB-1254	ND	690	ug/Kg	02/16/12		MH	3540C/8082
PCB-1260	ND	690	ug/Kg	02/16/12		MH	3540C/8082
PCB-1262	ND	690	ug/Kg	02/16/12		MH	3540C/8082
PCB-1268	ND	690	ug/Kg	02/16/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	94		%	02/16/12		MH	30 - 150 %
% TCMX	82		%	02/16/12		MH	30 - 150 %

Project ID: 913 FARMINGTON AVE BERLIN CT Phoenix I.D.: BB43750

Client ID: 2-14-19-IM2 2ND COURSE INT MORTAR BY GREY DR CAULK

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

%SOLIDS ASSUMED 100%

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director

February 17, 2012

PHOENIX

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH NELAC NY # 11301

Analysis Report

February 17, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/14/12	0:00
Location Code:	EAGLEENV	Received by:	SW	02/15/12	14:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBB43742
Phoenix ID: BB43751

Project ID: 913 FARMINGTON AVE BERLIN CT

Client ID: 2-14-20-EM2 2ND COURSE EXT MORTAR BY GREY DR CAULK

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/15/12		BQ/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	730	ug/Kg	02/16/12		MH	3540C/8082
PCB-1221	ND	730	ug/Kg	02/16/12		MH	3540C/8082
PCB-1232	ND	730	ug/Kg	02/16/12		MH	3540C/8082
PCB-1242	ND	730	ug/Kg	02/16/12		MH	3540C/8082
PCB-1248	ND	730	ug/Kg	02/16/12		MH	3540C/8082
PCB-1254	ND	730	ug/Kg	02/16/12		MH	3540C/8082
PCB-1260	ND	730	ug/Kg	02/16/12		MH	3540C/8082
PCB-1262	ND	730	ug/Kg	02/16/12		MH	3540C/8082
PCB-1268	ND	730	ug/Kg	02/16/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	84		%	02/16/12		MH	30 - 150 %
% TCMX	77		%	02/16/12		MH	30 - 150 %

Project ID: 913 FARMINGTON AVE BERLIN CT Phoenix I.D.: BB43751

Client ID: 2-14-20-EM2 2ND COURSE EXT MORTAR BY GREY DR CAULK

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

%SOLIDS ASSUMED 100%

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director

February 17, 2012

PHOENIX

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ACCREDITED IN ACCORDANCE WITH NELAC NY # 11301

Analysis Report

February 17, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/14/12	0:00
Location Code:	EAGLEENV	Received by:	SW	02/15/12	14:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBB43742
Phoenix ID: BB43752

Project ID: 913 FARMINGTON AVE BERLIN CT

Client ID: 2-14-21-EB2 2ND COURSE EXT BRICK BY STEEL WINDOW

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/15/12		BQ/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	430	ug/Kg	02/16/12		MH	3540C/8082
PCB-1221	ND	430	ug/Kg	02/16/12		MH	3540C/8082
PCB-1232	ND	430	ug/Kg	02/16/12		MH	3540C/8082
PCB-1242	ND	430	ug/Kg	02/16/12		MH	3540C/8082
PCB-1248	ND	430	ug/Kg	02/16/12		MH	3540C/8082
PCB-1254	ND	430	ug/Kg	02/16/12		MH	3540C/8082
PCB-1260	ND	430	ug/Kg	02/16/12		MH	3540C/8082
PCB-1262	ND	430	ug/Kg	02/16/12		MH	3540C/8082
PCB-1268	ND	430	ug/Kg	02/16/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	97		%	02/16/12		MH	30 - 150 %
% TCMX	84		%	02/16/12		MH	30 - 150 %

Project ID: 913 FARMINGTON AVE BERLIN CT
Client ID: 2-14-21-EB2 2ND COURSE EXT BRICK BY STEEL WINDOW

Phoenix I.D.: BB43752

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

%SOLIDS ASSUMED 100%

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
February 17, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
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ACCREDITED IN ACCORDANCE WITH NELAC NY # 11301

Analysis Report

February 17, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/14/12	0:00
Location Code:	EAGLEENV	Received by:	SW	02/15/12	14:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBB43742
Phoenix ID: BB43753

Project ID: 913 FARMINGTON AVE BERLIN CT
Client ID: 2-14-22-EB2 2ND COURSE EXT BRICK BY LOUVER

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/15/12		BQ/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	400	ug/Kg	02/16/12		MH	3540C/8082
PCB-1221	ND	400	ug/Kg	02/16/12		MH	3540C/8082
PCB-1232	ND	400	ug/Kg	02/16/12		MH	3540C/8082
PCB-1242	ND	400	ug/Kg	02/16/12		MH	3540C/8082
PCB-1248	ND	400	ug/Kg	02/16/12		MH	3540C/8082
PCB-1254	ND	400	ug/Kg	02/16/12		MH	3540C/8082
PCB-1260	ND	400	ug/Kg	02/16/12		MH	3540C/8082
PCB-1262	ND	400	ug/Kg	02/16/12		MH	3540C/8082
PCB-1268	ND	400	ug/Kg	02/16/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	88		%	02/16/12		MH	30 - 150 %
% TCMX	80		%	02/16/12		MH	30 - 150 %

Project ID: 913 FARMINGTON AVE BERLIN CT
Phoenix I.D.: BB43753
Client ID: 2-14-22-EB2 2ND COURSE EXT BRICK BY LOUVER

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

%SOLIDS ASSUMED 100%

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
February 17, 2012

PHOENIX

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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 17, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/14/12	0:00
Location Code:	EAGLEENV	Received by:	SW	02/15/12	14:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBB43742
Phoenix ID: BB43754

Project ID: 913 FARMINGTON AVE BERLIN CT

Client ID: 2-14-23-EM2 2ND COURSE EXT MORTAR BY STEEL WINDOW

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/15/12		BQ/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	880	ug/Kg	02/16/12		MH	3540C/8082
PCB-1221	ND	880	ug/Kg	02/16/12		MH	3540C/8082
PCB-1232	ND	880	ug/Kg	02/16/12		MH	3540C/8082
PCB-1242	ND	880	ug/Kg	02/16/12		MH	3540C/8082
PCB-1248	ND	880	ug/Kg	02/16/12		MH	3540C/8082
PCB-1254	ND	880	ug/Kg	02/16/12		MH	3540C/8082
PCB-1260	ND	880	ug/Kg	02/16/12		MH	3540C/8082
PCB-1262	ND	880	ug/Kg	02/16/12		MH	3540C/8082
PCB-1268	ND	880	ug/Kg	02/16/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	89		%	02/16/12		MH	30 - 150 %
% TCMX	79		%	02/16/12		MH	30 - 150 %

Project ID: 913 FARMINGTON AVE BERLIN CT Phoenix I.D.: BB43754

Client ID: 2-14-23-EM2 2ND COURSE EXT MORTAR BY STEEL WINDOW

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

%SOLIDS ASSUMED 100%

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director

February 17, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH NELAC NY # 11301

Analysis Report

February 17, 2012

FOR: Attn: Mr. Peter Folino
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/14/12	0:00
Location Code:	EAGLEENV	Received by:	SW	02/15/12	14:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBB43742
Phoenix ID: BB43755

Project ID: 913 FARMINGTON AVE BERLIN CT

Client ID: 2-14-24-EM2 2ND COURSE EXT MORTAR BY LOUVER

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/15/12		BQ/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	970	ug/Kg	02/16/12		MH	3540C/8082
PCB-1221	ND	970	ug/Kg	02/16/12		MH	3540C/8082
PCB-1232	ND	970	ug/Kg	02/16/12		MH	3540C/8082
PCB-1242	ND	970	ug/Kg	02/16/12		MH	3540C/8082
PCB-1248	ND	970	ug/Kg	02/16/12		MH	3540C/8082
PCB-1254	ND	970	ug/Kg	02/16/12		MH	3540C/8082
PCB-1260	ND	970	ug/Kg	02/16/12		MH	3540C/8082
PCB-1262	ND	970	ug/Kg	02/16/12		MH	3540C/8082
PCB-1268	ND	970	ug/Kg	02/16/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	95		%	02/16/12		MH	30 - 150 %
% TCMX	85		%	02/16/12		MH	30 - 150 %

Project ID: 913 FARMINGTON AVE BERLIN CT
Client ID: 2-14-24-EM2 2ND COURSE EXT MORTAR BY LOUVER

Phoenix I.D.: BB43755

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

%SOLIDS ASSUMED 100%

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
February 17, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report
April 28, 2011

FOR: Attn: Mr. Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		04/25/11	0:00
Location Code:	EAGLEENV	Received by:	LDF	04/25/11	14:21
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBA23802
Phoenix ID: BA23806

Project ID: TOWN OF BERLIN, 913 FARMINGTON AVE
Client ID: 4-25-PCB-09 EBS

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/26/11		JL	E160.3
Soil Extraction for PCB	Completed			04/25/11		*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	740	ug/Kg	04/26/11		MH	3540C/8082
PCB-1221	ND	740	ug/Kg	04/26/11		MH	3540C/8082
PCB-1232	ND	740	ug/Kg	04/26/11		MH	3540C/8082
PCB-1242	ND	740	ug/Kg	04/26/11		MH	3540C/8082
PCB-1248	ND	740	ug/Kg	04/26/11		MH	3540C/8082
PCB-1254	ND	740	ug/Kg	04/26/11		MH	3540C/8082
PCB-1260	ND	740	ug/Kg	04/26/11		MH	3540C/8082
PCB-1262	ND	740	ug/Kg	04/26/11		MH	3540C/8082
PCB-1268	ND	740	ug/Kg	04/26/11		MH	3540C/8082
QA/QC Surrogates							
% DCBP	77		%	04/26/11		MH	3540C/8082
% TCMX	53		%	04/26/11		MH	3540C/8082

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
April 29, 2011

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

April 28, 2011

FOR: Attn: Mr. Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		04/25/11	0:00
Location Code:	EAGLEENV	Received by:	LDF	04/25/11	14:21
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBA23802
Phoenix ID: BA23807

Project ID: TOWN OF BERLIN, 913 FARMINGTON AVE

Client ID: 4-25-PCB-10 EMS

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	04/26/11		JL	E160.3
Soil Extraction for PCB	Completed			04/25/11		*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	480	ug/Kg	04/26/11		MH	3540C/8082
PCB-1221	ND	480	ug/Kg	04/26/11		MH	3540C/8082
PCB-1232	ND	480	ug/Kg	04/26/11		MH	3540C/8082
PCB-1242	ND	480	ug/Kg	04/26/11		MH	3540C/8082
PCB-1248	*	480	ug/Kg	04/26/11		MH	3540C/8082
PCB-1254	ND	480	ug/Kg	04/26/11		MH	3540C/8082
PCB-1260	ND	480	ug/Kg	04/26/11		MH	3540C/8082
PCB-1262	ND	480	ug/Kg	04/26/11		MH	3540C/8082
PCB-1268	ND	480	ug/Kg	04/26/11		MH	3540C/8082
Total PCBs	1800	480	ug/Kg	04/26/11		MH	3540C/8082
QA/QC Surrogates							
% DCBP	78		%	04/26/11		MH	3540C/8082
% TCMX	63		%	04/26/11		MH	3540C/8082

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report
May 05, 2011

FOR: Attn: Mr. Ashis Roychowdhury
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		04/25/11	0:00
Location Code:	EAGLEENV	Received by:	LDF	05/03/11	13:40
Rush Request:	RUSH##	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBA27108
Phoenix ID: BA27110

Project ID: TOWN OF BERLIN, 913 FARMINGTON AVE
Client ID: 4-25-PCB-12-EM2

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	05/04/11		JL	E160.3
Extraction for PCB	Completed			05/03/11		TB/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	820	ug/Kg	05/04/11		MH	3540C/8082
PCB-1221	ND	820	ug/Kg	05/04/11		MH	3540C/8082
PCB-1232	ND	820	ug/Kg	05/04/11		MH	3540C/8082
PCB-1242	ND	820	ug/Kg	05/04/11		MH	3540C/8082
PCB-1248	ND	820	ug/Kg	05/04/11		MH	3540C/8082
PCB-1254	ND	820	ug/Kg	05/04/11		MH	3540C/8082
PCB-1260	ND	820	ug/Kg	05/04/11		MH	3540C/8082
PCB-1262	ND	820	ug/Kg	05/04/11		MH	3540C/8082
PCB-1268	ND	820	ug/Kg	05/04/11		MH	3540C/8082
QA/QC Surrogates							
% DCBP	114		%	05/04/11		MH	3540C/8082
% TCMX	84		%	05/04/11		MH	3540C/8082

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
May 06, 2011

Ver 1

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH NELAC NY # 11301

Analysis Report
February 23, 2012

FOR: Attn: Brandy LeBlanc
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/14/12	0:00
Location Code:	EAGLEENV	Received by:	SW	02/21/12	13:59
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBB45521
Phoenix ID: BB45526

Project ID: 913 FARMINGTON AVE BERLIN CT
Client ID: 2-14-15-EMS

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/21/12		BB/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	850	ug/Kg	02/22/12		MH	3540C/8082
PCB-1221	ND	850	ug/Kg	02/22/12		MH	3540C/8082
PCB-1232	ND	850	ug/Kg	02/22/12		MH	3540C/8082
PCB-1242	ND	850	ug/Kg	02/22/12		MH	3540C/8082
PCB-1248	ND	850	ug/Kg	02/22/12		MH	3540C/8082
PCB-1254	ND	850	ug/Kg	02/22/12		MH	3540C/8082
PCB-1260	ND	850	ug/Kg	02/22/12		MH	3540C/8082
PCB-1262	ND	850	ug/Kg	02/22/12		MH	3540C/8082
PCB-1268	ND	850	ug/Kg	02/22/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	80		%	02/22/12		MH	30 - 150 %
% TCMX	87		%	02/22/12		MH	30 - 150 %

Project ID: 913 FARMINGTON AVE BERLIN CT
Client ID: 2-14-15-EMS

Phoenix I.D.: BB45526

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

%Solids assumed 100%

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
February 23, 2012

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 23, 2012

FOR: Attn: Brandy LeBlanc
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/14/12	0:00
Location Code:	EAGLEENV	Received by:	SW	02/21/12	13:59
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBB45521
Phoenix ID: BB45527

Project ID: 913 FARMINGTON AVE BERLIN CT

Client ID: 2-14-16-EMS

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%				E160.3
Extraction for PCB	Completed			02/21/12		BB/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	910	ug/Kg	02/22/12		MH	3540C/8082
PCB-1221	ND	910	ug/Kg	02/22/12		MH	3540C/8082
PCB-1232	ND	910	ug/Kg	02/22/12		MH	3540C/8082
PCB-1242	ND	910	ug/Kg	02/22/12		MH	3540C/8082
PCB-1248	ND	910	ug/Kg	02/22/12		MH	3540C/8082
PCB-1254	ND	910	ug/Kg	02/22/12		MH	3540C/8082
PCB-1260	ND	910	ug/Kg	02/22/12		MH	3540C/8082
PCB-1262	ND	910	ug/Kg	02/22/12		MH	3540C/8082
PCB-1268	ND	910	ug/Kg	02/22/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	84		%	02/22/12		MH	30 - 150 %
% TCMX	84		%	02/22/12		MH	30 - 150 %

Project ID: 913 FARMINGTON AVE BERLIN CT
Client ID: 2-14-16-EMS

Phoenix I.D.: BB45527

Parameter	Result	RL	Units	Date	Time	By	Reference

Comments:

%Solids assumed 100%

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
February 23, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

QA/QC Report

February 17, 2012

QA/QC Data

SDG I.D.: GBB43742

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 194397, QC Sample No: BB42931 (BB43742, BB43743, BB43744, BB43745, BB43746, BB43747, BB43748, BB43749, BB43750, BB43751, BB43752, BB43753, BB43754, BB43755)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	105	105	0.0	89	90	1.1	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	97	95	2.1	96	96	0.0	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	93	87	84	3.5	91	87	4.5	30 - 150	30
% TCMX (Surrogate Rec)	92	80	80	0.0	79	79	0.0	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
February 17, 2012

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 0 our Pg 1 of 3

Data Delivery:
- [ ] Fax #:
- [x] Email: jtenill@eagleenviro.com

Customer: Eagle Environmental
Address: 531 N Main St
Bristol CT 06010

Project: 913 Farmington Ave Berlin CT
Report to: Brandy LaBlanc
Invoice to:

Project P.O: 11-015.15
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: John Tenill Date: 2-14-12

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Wasle Water
SE=Sediment SL=Sludge S=Soil/Solid W=Wipe O=Other

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request: SW846-8082 1,354°C	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] HCl	PL As is [ ] 250ml [ ] As is [ ] H2SO4	PL H2SO4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
43742	2-14-01-IC2	S	2-14-12	PM	✓										
43743	2-14-02-IC2	S	2-14-12	PM	✓										
43744	2-14-03-IC2	S	2-14-12	PM	✓										
	(int. chip by white door walk)														
43745	2-14-04-IM2	S	2-14-12	PM	✓										
43746	2-14-05-IM2	S	2-14-12	PM	✓										
43747	2-14-06-IM2	S	2-14-12	PM	✓										
	(int. mortar by white door walk)														

Relinquished by:	Accepted by:	Date:	Time:
John Tenill		2-15-12	1:30
		2/15/12	14:00

Comments, Special Requirements or Regulations:

Turnaround:
- [ ] 1 Day*
- [ ] 2 Days*
- [x] 3 Days*
- [ ] Standard
- [ ] Other

* SURCHARGE APPLIES

RI
- [ ] Direct Exposure (Residential)
- [ ] GW
- [ ] Other

CT
- [ ] RCP Cert
- [ ] GW Protection
- [ ] SW Protection
- [ ] GA Mobility
- [ ] GB Mobility
- [ ] Residential DEC
- [ ] I/C DEC
- [ ] Other

MA
- [ ] MCP Certification
- [ ] GW-1
- [ ] GW-2
- [ ] GW-3
- [ ] S-1
- [ ] S-2
- [ ] S-3
- [ ] MWRA eSMART
- [ ] Other

State where samples were collected: CT

Data Format
- [ ] Excel
- [ ] PDF
- [ ] GIS/Key
- [ ] EQuIS
- [ ] Other

Data Package
- [ ] Tier II Checklist
- [ ] Full Data Package*
- [ ] Phoenix Std Report
- [ ] Other

* SURCHARGE APPLIES

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 6 Pg 2 of 3

Data Delivery:
- ☐ Fax #: _____
- ☐ Email: _____

Customer: Eagle Environmental
Address: _____

Project: _____
Report to: _____
Invoice to: _____

Project P.O: _____
Phone #: _____
Fax #: _____

Sampler's Signature: [signature] Date: 2-14-12

Client Sample - Information - Identification

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
SE=Sediment SL=Sludge S=Soil/Solid W=Wipe O=Other

Analysis Request: SW846: 8082, 3540C

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] HCl	PL As is [ ] 250ml [ ] 500ml [ ] H2SO4	PL H2SO4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
43748	2-14-17-IB2 (2nd Course int brick by grey door cavity)	S	2-14-12	PM	✓									
43749	2-14-18-EB2 (2nd Course ext brick by grey door cavity)	S	2-14-12	PM	✓									
43750	2-14-19-IM2 (2nd course int mortar by grey door cavity)	S	2-14-12	PM	✓									
43751	2-14-20-EM2 (2nd course ext mortar by grey door cavity)	S	2-14-12	PM	✓									

Relinquished by: [signature]
Accepted by: [signature]

Date:	Time:
2-15-12	13:00
2/15/12	14:01

Comments, Special Requirements or Regulations:

Turnaround:
- ☐ 1 Day*
- ☐ 2 Days*
- ☐ 3 Days*
- ☐ Standard
- ☐ Other

* SURCHARGE APPLIES

RI
- ☐ Direct Exposure (Residential)
- ☐ GW
- ☐ Other

CT
- ☐ RCP Cert
- ☐ GW Protection
- ☐ SW Protection
- ☐ GA Mobility
- ☐ GB Mobility
- ☐ Residential DEC
- ☐ I/C DEC
- ☐ Other

MA
- ☐ MCP Certification
- ☐ GW-1
- ☐ GW-2
- ☐ GW-3
- ☐ S-1
- ☐ S-2
- ☐ S-3
- ☐ MWRA eSMART
- ☐ Other

State where samples were collected: _____

Data Format
- ☐ Excel
- ☐ PDF
- ☐ GIS/Key
- ☐ EQuIS
- ☐ Other

Data Package
- ☐ Tier II Checklist
- ☐ Full Data Package*
- ☐ Phoenix Std Report
- ☐ Other

* SURCHARGE APPLIES

PHOENIX Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 6 Pg 3 of 3

Data Delivery:
☐ Fax #:
☐ Email:

Customer: Eagle Environmental
Address:

Project:
Report to:
Invoice to:

Project P.O:
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 2-14-12

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
SE=Sediment SL=Sludge S=Soil/Solid W=Wipe O=Other

Analysis Request: SW846-8082, 3540C

Container columns: Soil VOA Vials ( ) methanol ( ) H2O; GL Soil container ( ) oz; GL Soil container ( ) oz; 40 ml VOA Vial ( ) As is ( ) HCl; GL Amber 1000ml ( ) As is ( ) H2SO4; PL As is ( ) 250ml ( ) 500ml ( ) 1000ml; PL H2SO4 ( ) 250ml ( ) 500ml; PL HNO3 250ml; PL NaOH 250ml; Bacteria Bottle

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	SW846-8082, 3540C
43752	2-14-21-EB2 (2nd course ext brick by steel window)	S	2-14-12		✓
53	2-14-22-EB2 (2nd course ext brick by louver)	S	2-14-12		✓
54	2-14-23-EM2 (2nd course ext mortar by steel window)	S	2-14-12		✓
55	2-14-24-EM2 (2nd course ext mortar by louver)	S	2-14-12		✓

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	2-15-12	13:00
	[signature]	2/15/12	14:02

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ Standard
☐ Other
* SURCHARGE APPLIES

RI
☐ Direct Exposure (Residential)
☐ GW
☐ Other

CT
☐ RCP Cert
☐ GW Protection
☐ SW Protection
☐ GA Mobility
☐ GB Mobility
☐ Residential DEC
☐ I/C DEC
☐ Other

MA
☐ MCP Certification
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

State where samples were collected: ______

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ Tier II Checklist
☐ Full Data Package*
☐ Phoenix Std Report
☐ Other

* SURCHARGE APPLIES

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

February 23, 2012

QA/QC Data

SDG I.D.: GBB45521

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 194768, QC Sample No: BB45364 (BB45521, BB45522, BB45523, BB45524, BB45525, BB45526, BB45527)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	105	101	3.9				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	96	99	3.1				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	81	85	86	1.2				30 - 150	30
% TCMX (Surrogate Rec)	77	74	74	0.0				30 - 150	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
February 23, 2012

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 4 Pg 1 of 1

Data Delivery:
- [ ] Fax #:
- [x] Email: jterrill@englenviro.com

Customer: Eagle Environmental Inc
Address: 561 N Main St, Bristol CT 06010

Project: 913 Farmington Ave Berlin CT
Report to: Brandy LeBlanc
Invoice to: " "

Project P.O: 11-015.15
Phone #:
Fax #:

Sampler's Signature: [signature] Date: 2-15-12

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
SE=Sediment SL=Sludge S=Soil/Solid W=Wipe O=Other

PHOENIX USE ONLY SAMPLE #	Client Sample - Information - Identification: Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request: SW846-8082/3540C	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
45521	2-14-10-ECC2	S	2-14-12	AM	✓										
45522	2-14-11-ECC2	S	2-14-12	AM	✓										
45523	2-14-12-ECC2	S	2-14-12	AM	✓										
	(Course 2 concrete by grey window caulk on wood windows)														
45524	2-14-13-EBS	S	2-14-12	PM	✓										
45525	2-14-14-EBS	S	2-14-12	PM	✓										
45526	2-14-15-EMS	S	2-14-12	PM	✓										
45527	2-14-16-EMS	S	2-14-12	PM	✓										
	(Ext brick/mortar by grey wood window caulk)														

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	2-21-12	13:00
	[signature]	2/21/12	8:59

Comments, Special Requirements or Regulations:

Turnaround:
- [ ] 1 Day*
- [ ] 2 Days*
- [x] 3 Days*
- [ ] Standard
- [ ] Other

* SURCHARGE APPLIES

RI
- [ ] Direct Exposure (Residential)
- [ ] GW
- [ ] Other

CT
- [ ] RCP Cert
- [ ] GW Protection
- [ ] SW Protection
- [ ] GA Mobility
- [ ] GB Mobility
- [ ] Residential DEC
- [ ] I/C DEC
- [ ] Other

MA
- [ ] MCP Certification
- [ ] GW-1
- [ ] GW-2
- [ ] GW-3
- [ ] S-1
- [ ] S-2
- [ ] S-3
- [ ] MWRA eSMART
- [ ] Other

State where samples were collected: CT

Data Format
- [ ] Excel
- [ ] PDF
- [ ] GIS/Key
- [ ] EQuIS
- [ ] Other

Data Package
- [ ] Tier II Checklist
- [ ] Full Data Package*
- [ ] Phoenix Std Report
- [ ] Other

* SURCHARGE APPLIES

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

April 29, 2011

QA/QC Data

SDG I.D.: GBA23802

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 175475, QC Sample No: BA23813 (BA23802, BA23803, BA23804, BA23805, BA23806, BA23807)							
Polychlorinated Biphenyls							
PCB-1016	ND	94	95	1.1	110	109	0.9
PCB-1221	ND						
PCB-1232	ND						
PCB-1242	ND						
PCB-1248	ND						
PCB-1254	ND						
PCB-1260	ND	98	101	3.0	114	113	0.9
PCB-1262	ND						
PCB-1268	ND						
% DCBP (Surrogate Rec)	85	84	92	9.1	89	84	5.8
% TCMX (Surrogate Rec)	91	83	84	1.2	83	81	2.4

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
April 29, 2011

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 6.0 °C Pg 1 of 1

Data Delivery:
- ☐ Fax #:
- ☐ Email:

Customer: Eagle Environmental INC
Address: 53L N. Main St
Bristol, CT. 06010

Project: Town of Berlin, 913 Farmington Ave.
Report to: Ashis Roychoudhury
Invoice to: Brandy LEBlanc

Project P.O: 11-015.15
Phone #: 860-589-8257
Fax #:

Client Sample - Information - Identification

Sampler's Signature: _____ Date: 4-25-11

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=other
GW=groundwater SL=sludge A=air

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	EPA 8082	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H20	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
23802	4-25-PCB-01-EBS	S	4-25	AM	X										
23803	4-25-PCB-02-EMS	S	4-25	AM	X										
23804	4-25-PCB-05-EBS	S	4-25	AM	X										
23805	4-25-PCB-06-EMS	S	4-25	AM	X										
23806	4-25-PCB-09-EBS	S	4-25	AM	X										
23807	4-25-PCB-10-EMS	S	4-25	AM	X										

Relinquished by:	Accepted by:	Date:	Time:
		4/25/11	12:00
		4/25/11	14:21

Comments, Special Requirements or Regulations:
Report detection limit Less than < 1 ppm

Turnaround:
- ☐ 1 Day*
- ☐ 2 Days*
- ☒ 3 Days*
- ☐ Standard
- ☐ Other

* SURCHARGE APPLIES

CT/RI
- ☐ RCP Cert.
- ☐ GW Protect.
- ☐ GA Mobility
- ☐ GB Mobility
- ☐ SW Protect.
- ☐ Res. Vol.
- ☐ Ind. Vol.
- ☐ Res. Criteria
- ☐ Other

MA
- ☐ MCP Cert.
- ☐ GW-1
- ☐ GW-2
- ☐ GW-3
- ☐ S-1
- ☐ S-2
- ☐ S-3
- ☐ MWRA eSMART
- ☐ Other

State where samples were collected: CT

Data Format
- ☐ Excel
- ☐ PDF
- ☐ GIS/Key
- ☐ EQuIS
- ☐ Other

Data Package
- ☐ ASP-A
- ☐ NJ Reduced Deliv. *
- ☐ NJ Hazsite EDD
- ☐ Phoenix Std Report
- ☐ Other

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NELAC ACCREDITED IN ACCORDANCE WITH THE
nelac
NY # 11301

QA/QC Report

May 06, 2011

QA/QC Data

SDG I.D.: GBA27108

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS Rec %	MS Dup Rec %	RPD
QA/QC Batch 176114, QC Sample No: BA26332 (BA27108, BA27109, BA27110)							
Polychlorinated Biphenyls							
PCB-1016	ND	95	100	5.1			
PCB-1221	ND						
PCB-1232	ND						
PCB-1242	ND						
PCB-1248	ND						
PCB-1254	ND						
PCB-1260	ND	90	94	4.3			
PCB-1262	ND						
PCB-1268	ND						
% DCBP (Surrogate Rec)	79	82	83	1.2			
% TCMX (Surrogate Rec)	82	73	74	1.4			

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
May 06, 2011

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 6c Pg 1 of 1

Data Delivery:
☐ Fax #: _____
☐ Email: _____

Customer: Eagle Environmental INC.
Address: 531 N. MAIN St.
Bristol, CT. 06010

Project: Town of Berlin - 913 Farmington Ave
Report to: Ashis Roychowdhury
Invoice to: Brandy LEBLANC

Project P.O: 11-015.15
Phone #: 860-589-8257
Fax #:

Client Sample - Information - Identification

Sampler's Signature: _____ Date: 4-25-11

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=other
GW=groundwater SL=sludge A=air

Analysis Request: Soxhlet 8082

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Soxhlet 8082	Soil VOA [ ] Methanol [ ] S: Bisulfate [ ] H20	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
27108	4-25-PCB-04-EB2	S	4-25	AM	X										
27109	4-25-PCB-05-EM2	S	4-25	↓	X										
27110	4-25-PCB-2-EM2	S	4-25	↓	X										

Relinquished by:	Accepted by:	Date:	Time:
		5/3/11	12PM
	J Safaer	5/3	13:40

Comments, Special Requirements or Regulations:
Report detection limit less than <1ppm.

Turnaround:
☐ 1 Day*
☐ 2 Days*
☒ 3 Days*
☐ Standard
☐ Other

* SURCHARGE APPLIES

CT/RI
☐ RCP Cert.
☐ GW Protect.
☐ GA Mobility
☐ GB Mobility
☐ SW Protect.
☐ Res. Vol.
☐ Ind. Vol.
☐ Res. Criteria
☐ Other

MA
☐ MCP Cert.
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

State where samples were collected: CT

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other _____

Data Package
☐ ASP-A
☐ NJ Reduced Deliv. *
☐ NJ Hazsite EDD
☐ Phoenix Std Report
☐ Other

PHOENIX
Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

☐ Fax #: _____
☐ Email: _____

Customer: Eagle Environmental Inc.
Address: 531 N. Main St.
Bristol, CT 06010

Project: Town of Berlin - 913 Farmington Ave
Report to: Ashis Roychowdhury
Invoice to: Brandy LeBlanc

Project P.O: 11-015,15
Phone #: 860-589-8757
Fax #:

Client Sample - Information - Identification

Sampler's Signature _____ Date 4-25-11

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=other
GW=groundwater SL=sludge A=air

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H20	GL Soil container ( ) oz.	GL Soil container ( ) oz.	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
	4-25-PCB-04-EB2	S	4-25	AM	X									
	4-25-PCB-05-EM2	S	4-25	↓	X									
	4-25-PCB-B-EM2	S	4-25	↓	X									

Soil for 8260

Relinquished by:	Accepted by:	Date:	Time:
		5/3/11	12

Comments, Special Requirements or Regulations:
Report detection limit less than <1 ppm

Turnaround:
- ☐ 1 Day*
- ☐ 2 Days*
- ☒ 3 Days*
- ☐ Standard
- ☐ Other

* SURCHARGE APPLIES

CT/RI
- ☐ RCP Cert.
- ☐ GW Protect.
- ☐ GA Mobility
- ☐ GB Mobility
- ☐ SW Protect.
- ☐ Res. Vol.
- ☐ Ind. Vol.
- ☐ Res. Criteria
- ☐ Other

MA
- ☐ MCP Cert.
- ☐ GW-1
- ☐ GW-2
- ☐ GW-3
- ☐ S-1
- ☐ S-2
- ☐ S-3
- ☐ MWRA eSMART
- ☐ Other

State where samples were collected: CT

Data Format
- ☐ Excel
- ☐ PDF
- ☐ GIS/Key
- ☐ EQuIS
- ☐ Other _____

Data Package
- ☐ ASP-A
- ☐ NJ Reduced Deliv. *
- ☐ NJ Hazsite EDD
- ☐ Phoenix Std Report
- ☐ Other

APPENDIX C

TABLE III: SAMPLING OD SOIL
RESULTS SUMMARY, LABORATORY RESULTS AND CHAIN OF CUSTODY FORMS

PCB CONTAINING MATERIALS
SOIL SUMMARY TABLE
913 FARMINGTON AVENUE
KENSINGTON, CONNECTICUT

(1960) SOIL SAMPLES							
SAMPLE DATE	SAMPLE LOCATION	SAMPLE #	TYPE	DESCRIPTION	RESULT (PPM)		
					ND/ <1 PPM	>1 PPM - <50 PPM	>50 PPM
2-14-2012	Area 1	2-14-EE-16	A	SOIL	0.44		
2-14-2012	Area 2	2-14-EE-17			0.45		
2-14-2012	**Area 3**	**2-14-EE-18**				1.2	
KEY					ANALYTICAL METHOD		
ND = NON DETECTED					SW 846-8082 / 3540C		
* Bold sample numbers indicates presence of PCB in excess of 1 PPM							

PHOENIX
Environmental Laboratories, Inc

Monday, February 20, 2012

Attn: Ms. Brandy LeBlanc
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Project ID: 913 FARMINGTON AVE., BERLIN, CT
Sample ID#s: BB43756 - BB43772

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 20, 2012

FOR: Attn: Ms. Brandy LeBlanc
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/14/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/15/12	14:03
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBB43756
Phoenix ID: BB43770

Project ID: 913 FARMINGTON AVE., BERLIN, CT
Client ID: 2-14-EE-16

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	02/15/12			E160.3
Caulk Extraction for PCB	Completed			02/15/12		BQ/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	330	ug/Kg	02/16/12		MH	3540C/8082
PCB-1221	ND	330	ug/Kg	02/16/12		MH	3540C/8082
PCB-1232	ND	330	ug/Kg	02/16/12		MH	3540C/8082
PCB-1242	ND	330	ug/Kg	02/16/12		MH	3540C/8082
PCB-1248	ND	330	ug/Kg	02/16/12		MH	3540C/8082
PCB-1254	440	330	ug/Kg	02/16/12		MH	3540C/8082
PCB-1260	ND	330	ug/Kg	02/16/12		MH	3540C/8082
PCB-1262	ND	330	ug/Kg	02/16/12		MH	3540C/8082
PCB-1268	ND	330	ug/Kg	02/16/12		MH	3540C/8082
QA/QC Surrogates							
DCBP	87		%	02/16/12		MH	30 - 150 %
TCMX	83		%	02/16/12		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
ND=Not detected BDL=Below Detection Level RL=Reporting Level
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
February 20, 2012

Ver 1

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 20, 2012

FOR: Attn: Ms. Brandy LeBlanc
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/14/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/15/12	14:03
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBB43756
Phoenix ID: BB43771

Project ID: 913 FARMINGTON AVE., BERLIN, CT
Client ID: 2-14-EE-17

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	02/15/12			E160.3
Caulk Extraction for PCB	Completed			02/15/12		BQ/K	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	320	ug/Kg	02/16/12		MH	3540C/8082
PCB-1221	ND	320	ug/Kg	02/16/12		MH	3540C/8082
PCB-1232	ND	320	ug/Kg	02/16/12		MH	3540C/8082
PCB-1242	ND	320	ug/Kg	02/16/12		MH	3540C/8082
PCB-1248	ND	320	ug/Kg	02/16/12		MH	3540C/8082
PCB-1254	450	320	ug/Kg	02/16/12		MH	3540C/8082
PCB-1260	ND	320	ug/Kg	02/16/12		MH	3540C/8082
PCB-1262	ND	320	ug/Kg	02/16/12		MH	3540C/8082
PCB-1268	ND	320	ug/Kg	02/16/12		MH	3540C/8082
QA/QC Surrogates							
DCBP	83		%	02/16/12		MH	30 - 150 %
TCMX	80		%	02/16/12		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
February 20, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 20, 2012

FOR: Attn: Ms. Brandy LeBlanc
Eagle Environmental Inc.
531 North Main Street
Bristol, CT 06010

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		02/14/12	0:00
Location Code:	EAGLEENV	Received by:	LB	02/15/12	14:03
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	11-015.15				

Laboratory Data

SDG ID: GBB43756
Phoenix ID: BB43772

Project ID: 913 FARMINGTON AVE., BERLIN, CT

Client ID: 2-14-EE-18

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	100	1	%	02/15/12			E160.3
Caulk Extraction for PCB	Completed			02/15/12		BQ/K	SW3540C
PCB (Soxblet)							
PCB-1016	ND	330	ug/Kg	02/16/12		MH	3540C/8082
PCB-1221	ND	330	ug/Kg	02/16/12		MH	3540C/8082
PCB-1232	ND	330	ug/Kg	02/16/12		MH	3540C/8082
PCB-1242	ND	330	ug/Kg	02/16/12		MH	3540C/8082
PCB-1248	ND	330	ug/Kg	02/16/12		MH	3540C/8082
PCB-1254	1200	330	ug/Kg	02/16/12		MH	3540C/8082
PCB-1260	ND	330	ug/Kg	02/16/12		MH	3540C/8082
PCB-1262	ND	330	ug/Kg	02/16/12		MH	3540C/8082
PCB-1268	ND	330	ug/Kg	02/16/12		MH	3540C/8082
A/QC Surrogates							
DCBP	88		%	02/16/12		MH	30 - 150 %
TCMX	54		%	02/16/12		MH	30 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

Phyllis Shiller, Laboratory Director
February 20, 2012

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

February 20, 2012

QA/QC Data

SDG I.D.: GBB43756

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 194466, QC Sample No: BB43655 (BB43756, BB43757, BB43758, BB43759, BB43760, BB43761, BB43762, BB43763, BB43764, BB43765, BB43766, BB43767, BB43768, BB43769, BB43770, BB43771, BB43772)									
Polychlorinated Biphenyls - Solid									
PCB-1016	ND	96	100	4.1				40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	79	99	22.5				40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	71	82	82	0.0				30 - 150	30
% TCMX (Surrogate Rec)	95	81	83	2.4				30 - 150	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria

Phyllis Shiller, Laboratory Director
February 20, 2012

PHOENIX Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 6 Pg 1 of 3 owC

Data Delivery:
☐ Fax #:
☒ Email: jterrill@eagleenviro.com

Customer: Eagle Environmental
Address: 531 N Main St
Bristol CT 06010

Project: 913 Farmington Ave Berlin CT
Report to: Brandy Le Blanc
Invoice to: " "

Project P.O: 11-015.15
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 2-14-12

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
SE=Sediment SL=Sludge S=Soil/Solid W=Wipe O=Other

Analysis Request: SW846-8082, 3540C

Container columns: Soil VOA Vials ( ) methanol ( ) H2O; GL Soil container ( ) oz; GL Soil container ( ) oz; 40 ml VOA Vial ( ) As is ( ) HCl; GL Amber 1000ml ( ) As is ( ) H2SO4; PL As is ( ) 250ml ( ) 500ml ( ) 1000ml; PL H2SO4 ( ) 250ml ( ) 500ml; PL HNO3 250ml; PL NaOH 250ml; Bacteria Bottle

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	SW846-8082, 3540C
43756	2-14-EE-01	S	2-14-12	AM	✓
43757	2-14-EE-02	S	2-14-12	AM	✓
43758	2-14-EE-03	S	2-14-12	AM	✓
	(white glaze on steel				
	interior sash)				
43759	2-14-EE-04	S	2-14-12	AM	✓
43760	2-14-EE-05	S	2-14-12	AM	✓
43761	2-14-EE-05A	S	2-14-12	AM	✓
	(white caulk on				
	ext metal windows				
	and louvers)				

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	2-15-12	1320
		2/15/12	4:03

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☒ 3 Days*
☐ Standard
☐ Other
* SURCHARGE APPLIES

RI
☐ Direct Exposure (Residential)
☐ GW
☐ Other

CT
☐ RCP Cert
☐ GW Protection
☐ SW Protection
☐ GA Mobility
☐ GB Mobility
☐ Residential DEC
☐ I/C DEC
☐ Other

MA
☐ MCP Certification
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ Tier II Checklist
☐ Full Data Package*
☐ Phoenix Std Report
☐ Other

State where samples were collected: CT

* SURCHARGE APPLIES

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: Info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 6 °C Pg 2 of 3

Data Delivery:
- ☐ Fax #:
- ☐ Email:

Customer: Eagle Environmental
Address:

Project:
Report to:
Invoice to:

Project P.O:
Phone #:
Fax #:

Sampler's Signature: [signature] Date: 2-14-12

Client Sample - Information - Identification

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
SE=Sediment SL=Sludge S=Soil/Solid W=Wipe O=Other

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	SW846-8082, 3540C	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] As is [ ] H2SO4	PL H2SO4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
43762	2-14-EE-07	S	2-14-12	AM	✓										
43763	2-14-EE-08	S	2-14-12	AM	✓										
	(tan ext caulk on wood windows)														
43764	2-14-EE-09	S	2-14-12	AM	✓										
43765	2-14-EE-10	S	2-14-12	AM	✓										
43766	2-14-EE-11	S	2-14-12	AM	✓										
	(grey ext caulk on wood windows)														

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	2-15-12	13:00
	[signature]	2/15/12	14:05

Comments, Special Requirements or Regulations:

Turnaround:
- ☐ 1 Day*
- ☐ 2 Days*
- ☐ 3 Days*
- ☐ Standard
- ☐ Other

* SURCHARGE APPLIES

RI
- ☐ Direct Exposure (Residential)
- ☐ GW
- ☐ Other

CT
- ☐ RCP Cert
- ☐ GW Protection
- ☐ SW Protection
- ☐ GA Mobility
- ☐ GB Mobility
- ☐ Residential DEC
- ☐ I/C DEC
- ☐ Other

MA
- ☐ MCP Certification
- ☐ GW-1
- ☐ GW-2
- ☐ GW-3
- ☐ S-1
- ☐ S-2
- ☐ S-3
- ☐ MWRA eSMART
- ☐ Other

State where samples were collected:

Data Format
- ☐ Excel
- ☐ PDF
- ☐ GIS/Key
- ☐ EQuIS
- ☐ Other

Data Package
- ☐ Tier II Checklist
- ☐ Full Data Package*
- ☐ Phoenix Std Report
- ☐ Other

* SURCHARGE APPLIES

PHOENIX Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 6 cold Pg 3 of 3

Data Delivery:
☐ Fax #:
☐ Email:

Customer: Eagle Environmental
Address:

Project:
Report to:
Invoice to:

Project P.O:
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 2-14-12

Matrix Code:
DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
SE=Sediment SL=Sludge S=Soil/Solid W=Wipe O=Other

Analysis Request: SW846-8082, 3540C

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	SW846-8082, 3540C
43767	2-14-EE-14	S	2-14-12	AM	✓
43768	2-14-EE-15	S	2-14-12	AM	✓
43769	2-14-EE-15A	S	2-14-12	AM	✓
	(white caulk on				
	int. metal doors)				
43770	2-14-EE-16	S	2-14-12	AM	✓
43771	2-14-EE-17	S	2-14-12	AM	✓
43772	2-14-EE-18	S	2-14-12	AM	✓
	(Soil-ext)				

Container columns: Soil VOA Vials ( ) methanol ( ) H2O; GL Soil container ( )oz; GL Soil container ( )oz; 40 ml VOA Vial ( ) As is ( ) HCl; GL Amber 1000ml ( ) As is ( ) H2SO4; PL As is ( ) 250ml ( ) 500ml ( ) 1000ml; PL H2SO4 ( ) 250ml ( ) 500ml; PL HNO3 250ml; PL NaOH 250ml; Bacteria Bottle

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	2-15-12	13:00
		2/15/12	4:03

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ Standard
☐ Other
* SURCHARGE APPLIES

RI
☐ Direct Exposure (Residential)
☐ GW
☐ Other

CT
☐ RCP Cert
☐ GW Protection
☐ SW Protection
☐ GA Mobility
☐ GB Mobility
☐ Residential DEC
☐ I/C DEC
☐ Other

MA
☐ MCP Certification
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

State where samples were collected: ______

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ Tier II Checklist
☐ Full Data Package*
☐ Phoenix Std Report
☐ Other

* SURCHARGE APPLIES

APPENDIX D

TECHNICAL SPECIFICATION SECTION

APPENDIX D

TECHNICAL SPECIFICATION SECTION

SECTION 02110: SPECIFICATION FOR PCB REMEDIAN OF WINDOW AND DOOR CAULK, WINDOW GLAZING COMPOUND, AND SOIL

PART 1 - GENERAL

1.1 SECTION INCLUDES

A. Window and door frame caulk, A/C caulk, and adjacent substrate materials containing greater than fifty (50) ppm PCB have been identified at the former Kensington Furniture Company Showroom building located at 913 Farmington Avenue in Berlin, Connecticut (subject site).

B. Window frame, door frame, and louver caulk and adjacent substrates and soil containing greater than one (1) but less than fifty (50) ppm PCB have been identified at the subject site.

C. Removal of the specified source caulk and glazing and removal of contaminated substrate materials, building components (i.e window frames and sashes, doorframes, ventilation louvers, and A/C units), and soil shall be performed in accordance with this specification.

1.2 GENERAL REQUIREMENTS

A. The Contractor shall furnish all labor, materials, facilities, equipment, installation services, employee training, notifications, permits, licenses, certifications, agreements and incidentals necessary to perform the specified work.

B. Work shall be performed in accordance with the contract documents, the latest regulations from the Occupational Safety and Health Administration (OSHA), the United States Environmental Protection Agency (USEPA), the State of Connecticut Department of Energy and Environmental Protection (DEEP) and all other applicable federal, state and local agencies. Whenever the requirements of the above references conflict or overlap, the more stringent provision shall apply.

C. All project personnel engaged in the remediation work covered under this section shall be trained with OSHA 40-Hour HAZWOPER training in accordance with OSHA Regulations 29 CFR 1910 and 1926.

D. The Contractor shall provide a Project Health and Safety Officer having a minimum of eight (8) hours of supervisor training in hazardous waste site operations in accordance with the requirements of 29 CFR 1910. The supervisor must be on site at all times during remediation work.

E. Tan window frame caulk associated with the wood windows, white caulk associated with wood doorframes, white glazing associated with the metal window systems, and white caulk associated with the metal window systems and louvers have also been confirmed to contain regulated concentrations of asbestos.

F. The Contractor shall be responsible for removing and disposing of all scheduled materials as indicated below, in Section 1 of this specification, and on Diagram 1-3 (PCB 1.1 and PCB 1.2) of the Self Implementing On-Site Cleanup and Disposal Plan (SIP).

PCB Waste Classifications

A summary of the waste classifications for PCB-Containing materials at the site is presented below:

1. White Window Glazing on Exterior Steel Window Sashes: Mixed Regulated Asbestos - PCB Bulk Product Waste less than fifty (50) ppm;
2. Exterior Steel Window Sashes: Mixed Regulated Asbestos - PCB Remediation Waste less than fifty (50) ppm;
3. White Caulk on Exterior Metal Window Frames, Wooden Door Frame, and Louvers: Mixed Regulated Asbestos - PCB Bulk Product Waste less than fifty (50) ppm;
4. Exterior Metal Window Frames, Wooden Door Frame, and Louvers: Mixed Regulated Asbestos - PCB Remediation Waste less than fifty (50) ppm;
5. White Caulk on Interior Metal Doorframes: PCB Bulk Product Waste less than fifty (50) ppm;
6. Interior Metal Doorframes: PCB Remediation Waste less than fifty (50) ppm;
7. Grey Caulk on Exterior Wooden Window Frames: PCB Bulk Product Waste greater than or equal to fifty (50) ppm;
8. Exterior Wooden Window Frames: PCB Remediation Waste grater than or equal to fifty (50) ppm;
9. Grey Caulk on Exterior Metal Doorframes: PCB Bulk Product Waste greater than or equal to fifty (50) ppm;
10. Exterior Metal Doorframes: PCB Remediation Waste greater than or equal to fifty (50) ppm;
11. Grey/Brown Caulk on Portable A/C Units: PCB Bulk Product Waste greater than or equal to fifty (50) ppm;
12. Portable A/C Units: PCB Remediation Waste greater than or equal to fifty (50) ppm;
13. Brick/Mortar adjacent to White Caulk on Exterior Metal Window Frames, Wooden Door Frame, and Louvers: Mixed Regulated Asbestos – PCB Remediation Waste less than fifty (50) ppm;
14. Brick/Mortar/Concrete adjacent to Grey Caulk on Exterior Wooden Window Frames: PCB Remediation Waste greater than or equal to fifty (50) ppm;
15. CMU/Mortar Adjacent to Caulk on Interior Metal Doorframes: PCB Remediation Waste less than or equal to fifty (50) ppm;
16. Brick/Mortar adjacent to Grey Caulk on Exterior Metal Doorframes: PCB Remediation Waste greater than or equal to fifty (50) ppm;
17. Plywood Panels adjacent to Portable A/C Units: PCB Remediation Waste greater than or equal to fifty (50) ppm;
18. Exterior Soil in Area 3: PCB Remediation Waste less than fifty (50) ppm;
19. Containment barriers, spent or contaminated cleaning or decontamination materials, etc. used in the remediation of source or substrate materials that are greater than or equal to one but less than fifty (50) ppm PCB: PCB Remediation Waste less then fifty (50) ppm; and,
20. Containment barriers, spent or contaminated cleaning or decontamination materials, etc. used in the remediation of source materials greater than or equal to fifty (50) ppm PCB: PCB Bulk Product Waste.

1.3 SUBMITTALS

A. The following documents shall be submitted to the Owner's Consultant:

1. Work Plan: A written work plan that describes the methods to be used for the removal and containment of the window frames, window sashes, doorframes, caulk, glazing compound, and associated debris, and the contractor's plan to protect workers and to prevent PCB contamination migration from the work areas. The work plan shall include floor plans and/or site plans indicating the proposed work areas, phasing and containment and security barriers for all PCB removal work as outlined in this Specification. Training Documentation: Documentation of OSHA 40-Hour HAZWOPER Training for all employees and subcontractors to be used for the remediation work and 8-Hour HAZWOPER Supervisor Training for the designated on-site Health and Safety Officer for the remediation work.

2. PCB Disposal Plan: A written plan that details the Contractor's plan for loading, temporary storage, transportation, and disposal of PCB-containing wastes generated during the project. The Disposal Plan shall identify:

   a. Waste packaging, labeling, placarding, and manifesting procedures,
   b. The name, address and 24-hour contact number for the proposed treatment or disposal facility or facilities to which waste generated during the project will be transported.
   c. The name, address, contact person(s), and state-specific permit numbers for proposed waste transporters, and EPA identification number for firms that will transport hazardous waste.
   d. The license plate numbers of vehicles to be used in transporting of the waste from the site to the disposal facility.
   e. The route(s) by which the waste will be transported to the designated disposal facility, and states or territories through which the waste will pass if the waste is to be disposed of outside of the State of Connecticut.

3. Material Safety Data Sheets: Material Safety Data Sheets (OSHA Form 174 or equivalent) and manufacturer's information shall be provided for all chemicals and materials to be used during the project.

B. The following documents shall be submitted to the Owner's Consultant within twenty one (21) calendar days following removal of waste from the site:

1. Waste Profile Sheets
2. Pre-Disposal Analysis Test Results (If required by disposal facility)
3. Manifests signed by the disposal facility
4. Tipping Receipts provided by the disposal facility
5. Certification of Final Treatment Disposal signed by the responsible disposal facility official.

1.4 APPLICABLE STANDARDS AND REGULATIONS

A. The publications listed below form a part of this specification to the extent referenced. The publications are referred to in the text by basic designation only. Where a conflict or overlap among regulations and/or these specifications exist, the most stringent requirements shall apply. The Owner's Consultant will determine which requirements are most stringent.

1. AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)

a. ANSI,Z89,1 Personnel Protective Equipment-Protective Headwear for Industrial Workers-Requirements (Latest Revision)ANSI.Z87

2. CODE OF FEDERAL REGULATIONS (CFR)

a.	29 CFR Subpart D	Walking-Working Surface
b.	29 CFR 1910.120	Hazardous Waste Operations and Emergency Response
c.	29 CFR 1910.134	Respiratory Protection Standard
d.	29 CFR 1910.1200	Hazard Communication
e.	29C FR 1926.20	General Health and Safety Provisions
f.	29CFR 1926.57	Ventilation
g.	29 CFR 1926.59	Hazard Communication Program
h.	29 CFR 1926.62	Lead Exposure in Construction
i.	29 CFR 1926.65	Hazardous Waste Operations and Emergency Response
j.	29 CFR 1926.95	Criteria for Personal Protective Equipment
k.	29 CFR 1926, Subpart H	Materials Handling, Storage, Use and Disposal
l.	29 CFR 1926, Subpart L	Scaffolding
m.	29 CFR 1926, Subpart M	Fall Protection
n.	29 CFR 1926, Subpart X	Ladders
o.	29 CFR 1926, Subpart Z	Toxic and Hazardous Substance
p.	40 CFR 50.6	National Primary and Secondary Ambient Air Quality Standards for Particulate Matter
q.	40 CFR 260	Hazardous Waste Management System: General
r.	40 CFR 261	Identification and Listing of Hazardous Waste
s.	40 CFR 262	Standards Applicable to Generators of Hazardous Waste
t.	40 CFR 263	Standards Applicable to Transporters of Hazardous Waste
u.	40 CFR 264	Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities
v.	40 CFR 265	Interim Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities
w.	40 CFR 268	Land Disposal Restrictions
x.	40 CFR 700	Toxic Substances Control Act (TSCA)
y.	40 CFR 761	PCBs Manufacturing, Processing, Distribution in Commerce, and Use Prohibitions
z.	49 CFR 105	Hazardous Materials Program. Definitions and General Procedures
aa.	49 CFR 171	General Information, Regulations and Definitions
bb.	49 CFR 172	Hazardous Material Tables. Special Provisions, Hazardous Materials Communications, Emergency Response Information, and Training Requirements
cc.	49 CFR 173	Shippers-General Requirements for Shipments and Packagings
dd.	49 CFR 177	Carriage by Public Highway
ee.	49 CFR 178	Specifications for Packaging's

3. NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH (NIOSH)Publication Number 87-10B Respiratory Decision Logic

   a. NIOSH/OSHA Booklet 3142 Lead in Construction
   b. Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities (NIOSH Publication 85-115)

4. U.S. DEPARTMENT OF LABOR, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)

   a. PUB 3126 Working with Lead in the Construction Industry
   b. 29 CFR 1910, Subpart I, Appendix B-Non-Mandatory Compliance Guidelines for Hazard Assessment and Personal Protective Equipment Selection

5. REGULATIONS OF CONNECTICUT STATE AGENCIES (RCSA)

   a. Hazardous Waste 22a-449(c)-100 through 119
   b. Hazardous Waste Transporter Permits 22a-449(c)-11
   c. Permit Fees for Hazardous Waste Materials Management 22a-454-1

6. UNITED STATES ENVIRONMENTAL PROTECTION AGENCY GUIDANCE

   a. Polychlorinated Biphenyl (PCB) Site Revitalization Guidance Under the Toxic Substances Control Act

1.5 POSTING AND RECORD MAINTENANCE REQUIREMENTS

A. The following items shall be conspicuously displayed proximate to but outside of remediation work areas. The contractor shall assure that the posted regulations are not altered, defaced or covered by other materials.

B. Exit Routes

   1. Emergency exit procedures and routes

C. Emergency Phone Numbers

   1. A list Indicating the telephone numbers and locations of the local hospital(s); the local emergency squad; the local fire department; the local police department; the Poison Control Center; Chemical Transportation Emergency Center (CHEMTREC); the Connecticut State Department of Public Health's office; the contractor (on-site and after hours numbers); and the environmental consultant (on-site and after hours numbers).

D. Warning Signs

   1. Warning signs shall be In English and the language of any workers on-site who do not speak English, and be of sufficient size to be clearly legible and display the following:

WARNING:
HAZARDOUS WASTE WORK AREA
PCBs-POISON
NO SMOKING, EATING OR DRINKING
AUTHORIZED PERSONNEL ONLY
PROTECTIVE CLOTHING IS REQUIRED IN THIS AREA

E. Items Available On-Site

1. The contractor shall maintain the following items on-site and available for review by all employees and authorized visitors:

a. Project Health and Safely Plan (HASP)
b. Certificates of Training for all workers and the project Supervisor
c. Codes, Standards and Publications

1) Copies of applicable codes, standards, and publications

d. MSDS

1) Material Safety Data Sheets (MSDS) for all chemicals used during the project.

e. Compliance Programs

1) Copies of the contractor's written hazard communication, respiratory protection, and confined space entry programs.

1.6 MINIMUM REQUIREMENTS FOR WORKER HEALTH AND SAFETY

A. GENERAL

1. The contractor is responsible and liable for the health and safety of all on-site personnel and the off-site community affected by the project. All on-site workers or other persons entering the remediation/abatement work areas, decontamination areas or waste handling and staging areas shall be knowledgeable of and comply with the requirements of the site-specific Health and Safety Plan (HASP) at all times. The contractor's HASP shall comply with all applicable federal, state and local regulations protecting human health and the environment from the hazards posed by the work to be performed under this project.

2. The contractor shall not initiate on-site work in the contaminated areas until the HASP has been finalized, and approved by the Owner's Consultant.

3. Consistent disregard for the provisions of the HASP shall be deemed as sufficient cause for immediate stoppage of work and termination of the Contract or any Subcontracts without compromise or prejudice to the rights of the Owner or the Architect.

4. Any discrepancies between the contractor's HASP and these specifications or federal and state regulations shall be resolved in favor of the more stringent requirements that provide the highest degree of protection to the project personnel and the surrounding community and environment, as determined by the Owner's Consultant.

5. In addition to exposure concerns relating to the presence of PCBs, other health and safety considerations will apply to the work. The contractor shall be responsible for recognizing such hazards and shall be responsible for the health and safety of contractor employees at all times. It is the contractor's responsibility to comply with all applicable health and safety regulations.

B. HEALTH AND SAFETY PLAN

1. The contractor shall prepare and submit a site-specific Health and Safety Plan (HASP) to the Owner's Consultant a minimum of twenty one (21) business days prior to commencement of remediation work. The HASP shall govern all work conducted at the site during the remediation of caulk and related debris: waste handling, sampling, and management; and waste transportation.

2. At a minimum, the HASP shall address the requirements set forth in 29 CFR 1910.120, as further outlined below:

   a. Health and Safety Organization
   b. Site Description and Hazard Assessment
   c. Training (asbestos abatement and HAZWOPPER)
   d. Medical Surveillance
   e. Work Areas
   f. Personal Protective Equipment
   g. Personal Hygiene and Decontamination
   h. Standard Operating Procedures and Engineering Controls
   i. Emergency Equipment and First Aid Provisions
   j. Equipment Decontamination
   k. Exposure Monitoring
   l. Telephone List
   m. Emergency Response and Evacuation Procedures and Routes
   n. Site Control
   o. Permit-Required Confined Space Procedures (If Applicable)
   p. Spill Containment Plan
   q. Heat and Cold Stress
   r. Record Keeping
   s. Community Protection Plan

3. The HASP shall be reviewed by all persons prior to entry into the remediation/abatement, decontamination, or waste staging areas, whether a representative of the contractor, owner, architect/engineer, environmental consultant, subcontractors, waste transporter, or federal, state, or local regulatory agency. Such review shall be acknowledged and documented by the contractor's Health and Safety Officer by obtaining the name, signature and affiliation of all persons reviewing the HASP.

4. The HASP shall be maintained so as to be readily accessible and reviewable by all site personnel throughout the duration of the-remediation project and until all waste materials are removed from the site and disposed of at the appropriate disposal facility.

5. The Contractor's on-site Health and Safety Officer shall be responsible for ensuring that project personnel and site visitors are informed of and comply with the provisions of the HASP at all times during the project.

C. WORK AREAS

1. The contractor shall establish and clearly identify work areas in the field. Access by equipment, site personnel, and the public to the work areas shall be limited as follows:

   a. Abatement Zone-The Abatement Zone(s) shall consist of all areas where remediation, waste handling and staging activities are ongoing and the immediately surrounding locale or other areas where contamination could occur. Each Abatement Zone shall be visibly delineated with orange construction fencing at a minimum, and restricted from access by all persons except those directly necessary to the completion of the respective remediation tasks. The Abatement Zones shall be relocated and delineated as necessary as work progresses from one portion of the project site to another, to limit access to each remediation area and to minimize risk of exposure to site workers and the general public. Access shall be controlled at the periphery of the Abatement Zones to regulate the flow of personnel and equipment into and out of each zone and to help verify that proper procedures for entering and exiting are followed. All persons within the Abatement Zones shall have all required training and wear the appropriate level of protection established in the HASP.

   b. Decontamination Zone-The Decontamination Zone is the transition zone between the remediation area and the clean support zone of the project site, and is intended to reduce the potential for contaminants from being dispersed from the Abatement Zone to clean areas of the site. The Decontamination Zone shall consist of a buffer area surrounding each Abatement Zone through which the transfer of equipment, materials, personnel and containerized waste products will occur and in which decontamination of equipment, personnel, and clothing will occur, The Decontamination Zones shall be clearly delineated with orange construction fencing at a minimum and labeled with signage as provided in Part 1.6 of this Section. All emergency response and first aid equipment shall be readily maintained in these Zones. All protective equipment and clothing shall be removed or decontaminated in the Decontamination Zone prior to exiting to the Support Zone.

   c. Support Zone-The Support Zone will consist of the area outside the Decontamination Zones and the remainder of the project site. Administrative and other support functions and any activities that by nature need not be conducted in the Abatement or Decontamination Zone related to the project shall occur in the Support Zone. Access to the Abatement and Decontamination Zones shall be controlled by the Health and Safety Officer and limited to those persons necessary to complete the remediation work and who have reviewed and signed the HASP.

D. PERSONNEL PROTECTIVE EQUIPMENT

1. The contractor shall be responsible to determine and provide the appropriate level of personal protective equipment in accordance with applicable regulations and standards necessary to protect the contractor's employees and the general public from all hazards present.

2. The contractor shall provide all employees with the appropriate safety equipment and protective clothing to ensure an appropriate level of protection for each task, taking into

consideration the chemical, physical, ergonomic and biological hazards posed by the site and work activities.

3. The contractor shall establish in the HASP criteria for the selection and use of personal protective equipment (PPE).

4. The PPE to be utilized for the project shall be selected based upon the potential hazards associated with the project site and the work to be performed. Appropriate protective clothing shall be worn at all times within the Abatement Zone.

5. The contractor shall provide the appropriate level of respiratory protection to all field personnel engaged in activities where respiratory hazards exist or there is a potential for such hazard to exit.

6. The contractor shall provide, as necessary, protective coveralls, disposable gloves and other protective clothing for all personnel that will be actively involved in remediation activities or waste handling activities or otherwise present in the Abatement Zones. Coveralls shall be of Tyvek or equivalent material. Should the potential for exposure to liquids exist, splash-resistant disposable suits shall be provided and utilized.

7. Protective coveralls, and other protective clothing shall be donned and removed within the Decontamination Zone and shall be disposed of at the end of each day. Ripped coveralls shall be immediately replaced after appropriate decontamination has been completed to the satisfaction of the Health and Safety Officer. Protective clothing shall not be worn outside of the Decontamination Zone.

8. Hard Hats, protective eyewear, rubber boots, and/or other non-skid footwear shall be provided by the contractor as required for workers and authorized visitors, Safety shoes and hard hats shall be in conformance with ANSI Z89.1 (1969) and ANSI 241.1 (1967), respectively.

9. All contaminated protective clothing, respirator cartridges, and disposable protective items shall be placed into proper containers to be provided by the contractor for transport and proper disposal in accordance with 40 CFR 761.61(a)(5)(v)(A).

E. EMERGENCY EQUIPMENT AND FIRST AID REQUIREMENTS

1. The contractor shall provide and maintain at the site, at a minimum, the following Emergency and First Aid Equipment:

   a. Fire Extinguishers: A minimum of one (1) fire extinguisher shall be supplied and maintained at the site by the contractor throughout the duration of the project. Each extinguisher shall be a minimum of a 20-pound Class ABC dry fire extinguisher with Underwriters Laboratory approval per 29 CFR 1910.157.]

   b. First Aid Kit: A minimum of one (1) first aid kit meeting the requirements of 29 CFR 1910.151 shall be supplied and maintained at the site by the contractor throughout the duration of the project.

   c. Communications: A telephone communications (either cellular or land line) shall be provided by the contractor for use by site personnel at all times during the project.

2. The Health and Safety Officer shall be notified immediately in the event of personal injury, potential exposure to contaminants, or other emergency. The Health and Safety Officer shall then immediately notify the Owner's Consultant of same.

3. If a member of the work crew demonstrates symptoms of heat or cold stress, injury, chemical exposure or other similar issue, another team member present within the delineated abatement zone (i.e., suitably equipped with appropriate PPE provisions) should remove the affected person from the delineated work site and signal/communicate to the Health and Safety Officer of the incident. Precautions should be taken to avoid exposure of other individuals to contaminated media.

4. An evaluation of the person's condition shall be made by the Health and Safety Officer, to determine the appropriate course of action to administer first aid or other emergency response provision. The Health and Safety Officer shall assess the seriousness of the injury, give first aid treatment if appropriate, and arrange for appropriate emergency response from outside emergency services, it warranted.

5. If soiled clothing cannot be removed, the injured person will be wrapped in a blanket while transported from the site.

6. The Health and Safety Officer shall monitor the affected person to determine whether there are symptoms resulting from the exposure or injury. If there is a visible manifestation of exposure such as skin irritation, the affected party shall be referred to a medical facility for treatment and evaluation as to whether the manifestation may be indicative of a delayed or acute exposure, a secondary response to exposure such as skin infection or occupational dermatitis. All incidents of injuries and/or obvious chemical exposure shall be evaluated by the Health and Safety Officer and the Owner's Consultant to determine whether modifications to work practices and/or protective provisions are warranted.

F. STANDARD SAFETY AND HEALTH PROCEDURES AND ENGINEERING CONTROLS

1. The following provisions shall be employed to promote overall safety, personnel hygiene and personnel decontamination:

   a. Each contractor or subcontractor shall ensure that all safety equipment and protective clothing to be utilized by its personnel is maintained in a clean and readily accessible manner at the site.

   b. All prescription eyeglasses in use on this project shall be safety glasses conforming to ANSI Standard Z87.1. No contact lenses shall be allowed on the site.

   c. Prior to exiting the delineated Decontamination Zone(s), all personnel shall remove protective clothing, and place disposable items in appropriate disposal containers to be dedicated to that purpose. Following removal of PPE, personnel shall thoroughly wash and rinse their face, hands, arms and other exposed areas with soap and tap water wash and subsequent tap water rinse. A fresh supply of tap water shall be provided at the site on each work day by the Contractor for this purpose.

d. All PPE used on site shall be decontaminated or disposed of at the end of each work day. Discarded PPE shall be placed in sealed CTDOT-approved 55-gallon barrels for off-site disposal.

e. Respirators shall be dedicated to each employee, and not interchanged between workers without cleaning and sanitizing.

f. Eating, drinking, chewing gum or tobacco, smoking, and any other practice that increases the likelihood of hand to mouth contact shall be prohibited within the delineated remediation and decontamination work zones. Prior to performing these activities, each employee shall thoroughly cleanse their face, hands, arms and other exposed areas,

g. All personnel shall thoroughly cleanse their face, hands, arms and other exposed areas prior to using toilet facilities.

h. No alcohol, tobacco, illicit drugs or firearms will be allowed on the site at any time.

i. All personnel that are on non-prescription (i.e., over-the-counter) or prescription medication of any kind shall notify the Health and Safety Officer prior to conducting work at the site. The Health and Safety Officer will make a determination as to whether such individuals will be allowed to work on the site, and, if so, in what capacity. The Health and Safety Officer may require signed documentation from the Individual's personal physician stating what limitations may be posed by the medication or condition that may apply to that individual's work activities.

j. Contact with potentially contaminated surfaces should be avoided, if possible. Field personnel should minimize walking through standing water/puddles, mud or other wet or discolored surfaces; kneeling on ground; and placing equipment, materials or food on ground or other potentially contaminated surface.

k. The use of the "Buddy System" shall be employed at all times while conducting work at the site. Each employee shall frequently monitor other workers for signs of heat stress or chemical exposure or fatigue; periodically examine others PPE for signs of wear or damage; routinely communicate with others; and notify the Site Safety Officer in the case of an emergency.

PART 2 - PRODUCTS

2.1 MATERIALS AND EQUIPMENT

A. All materials shall be delivered in the original packages, containers, or bundles bearing the name of the manufacturer and the brand name.

B. House Keeping of Work Site

1. The Contractor shall keep all surfaces as free as practical from accumulations of caulk, brick debris, mortar debris, and other waste materials during the remediation work.

2. All loose caulk, brick, mortar, and other debris shall be thoroughly collected and securely containerized in the final waste receptacles at the conclusion of each work day.

3. All disposable personal protective equipment shall be placed in the designated waste receptacles at the conclusion of each workday or at any time that such items are removed or changed.

C. Damaged or deteriorating materials shall not be used and shall be removed from the premises. Materials that become contaminated with asbestos shall be decontaminated or disposed of as asbestos waste.

D. Polyethylene sheet in a roll size to minimize the frequency of joints shall be delivered to job site with factory label indicating four (4) or six (6) mil.

E. Tape or adhesive spray will be capable of sealing joints in adjacent polyethylene sheets and for attachment of polyethylene sheets to finished or unfinished surfaces of dissimilar materials and capable of adhering under both dry and wet conditions, including use of amended water.

F. All proper labeling and placards for waste receptacles shall be maintained on site in a sufficient quantity to support the project.

G. Orange construction fence and sufficient fence posts/stakes shall be maintained on site in a sufficient quantity to support the project.

2.2 TOOLS AND EQUIPMENT

A. Provide suitable tools for PCB removal. Maintain a sufficient quantity of hand, pneumatic, electric tools to facilitate removal of PCB caulk, window frames and sashes, doorframes and louvers.

B. The Contractor shall have air monitoring equipment of type and quantity to monitor operations and conduct personnel exposure surveillance per OSHA requirements.

C. The Contractor shall have available sufficient inventory on site for materials necessary for the job including protective clothing, respirators, filter cartridges, polyethylene sheeting of proper size and thickness, tape, and air filters.

D. The Contractor shall provide temporary electrical power sources such as generators (when required).

E. Vacuum units, of suitable size and capacities for project, shall have HEPA filter(s) capable of trapping and retaining at least 99.97 percent of all mono-dispersed particles of 0.3 micrometers in diameter or larger.

F. Negative air equipment of suitable size and capacities for project, shall have HEPA filter(s) capable of trapping and retaining at least 99.97 percent of all mono-dispersed particles of 0.3 micrometers in diameter or larger.

PART 3 - EXECUTION

3.1 ABATEMENT ZONE WORK AREA PREPARATION

A. The section of the building under remediation will be secured by an orange construction fence that surrounds the various areas while they are under remediation to prevent unauthorized access.

B. The Remediation Contractor will set up polyethylene critical barriers with six (6)-mil polyethylene sheeting on the windows and doors from inside the building to separate work areas from other areas within the building.

C. Prior to remediation, the Remediation Contractor shall establish the Abatement Zone, Decontamination Zone and Support Zone in accordance with this Specification.

D. Within each Abatement Zone, shut down and/or isolate heating, cooling, and ventilation air systems or zones to prevent contamination and dispersal of PCB to other areas of the structure. Lock and tag out circuits associated with heating and cooling units.

E. Materials scheduled for remediation will be remediated within work area containments consisting of two (2) layers of six (6)-mil polyethylene sheeting (or equivalent) as "isolation" barriers.

F. The ground surface shall be protected from contamination by covering it with two (2) layers of six (6) mil polyethylene sheeting (or equivalent) at least ten (10) feet from the exterior wall and one (1) foot up the wall (except for soil remediation).

G. All openings to the building within work area containments such as doors, windows, vents, louvers etc. shall be securely sealed with a single layer of 6-mil polyethylene sheeting.

H. Ground protection and isolation barriers shall remain in place throughout work to collect debris resulting from PCB remediation. All debris generated during operations including but not limited to visible caulk/glazing compound, dust and debris shall be HEPA vacuumed continuously throughout the work shift and at the end of the work shift to avoid accumulation. Any tears or rips that occur in polyethylene barriers shall be repaired or removed and replaced with new protections.

I. All equipment utilized to perform cutting, or demolition of adjacent materials shall be equipped with appropriate dust collection systems. All visible dust shall be removed using HEPA vacuums and wet cleaning methods with solvent or other acceptable products.

J. Post all approaches to each work area with PCB Warning signs. Warning signs shall be of size and type that are easily readable and are visible from all approaches to the work areas.

K. Each work area shall contain an access log in order to maintain a list of personnel accessing the work area. Each person entering and exiting the work area shall sign the access log.

APPENDIX E

CONTRACTOR'S HEALTH & SAFETY PLAN (HASP)
(TO BE PREPARED BY THE SELECTED CONTRACTOR)